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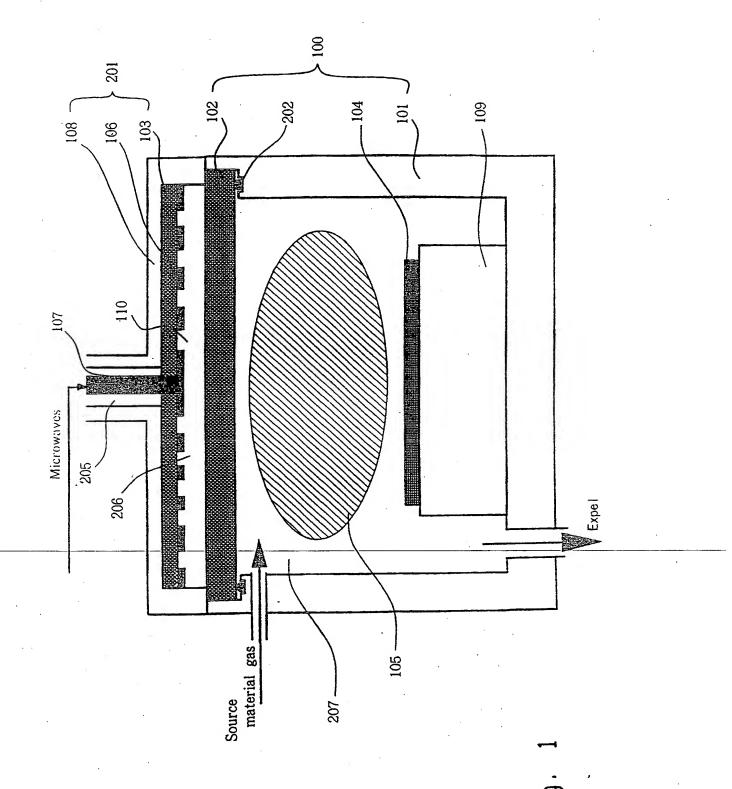
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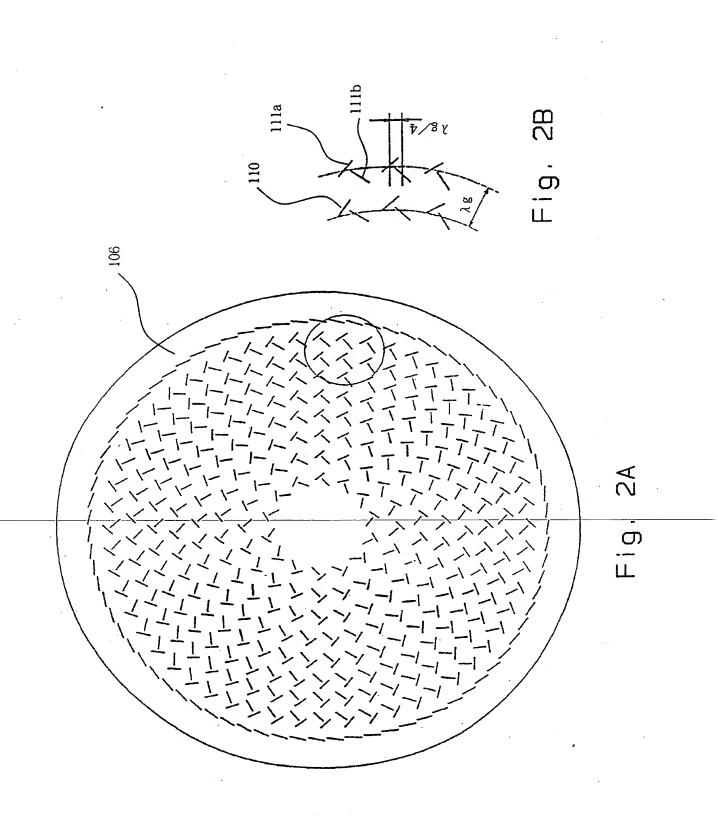
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O plasma stable \triangle plasma unstable \times no activation of plasma caused Fig. 3

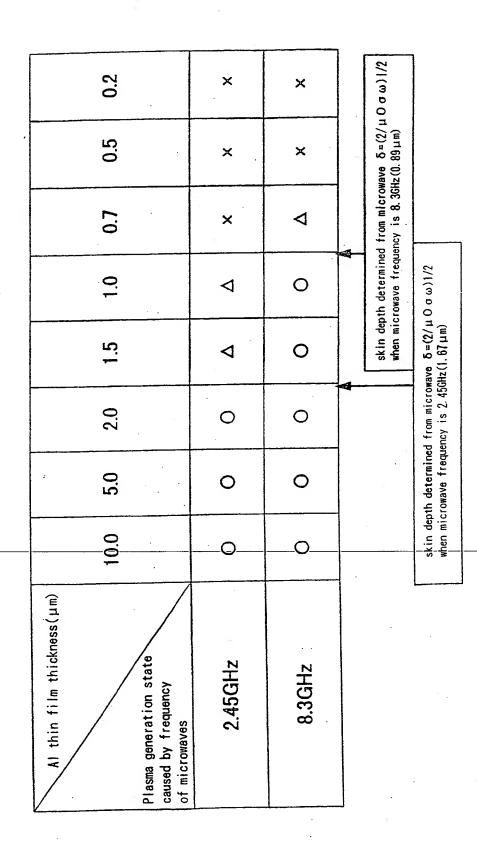
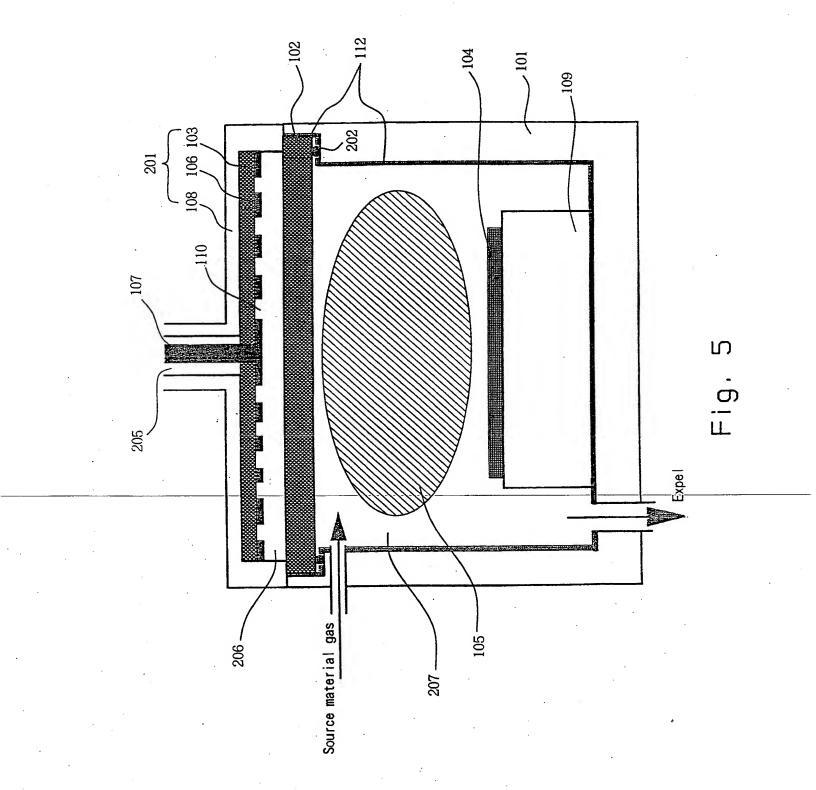
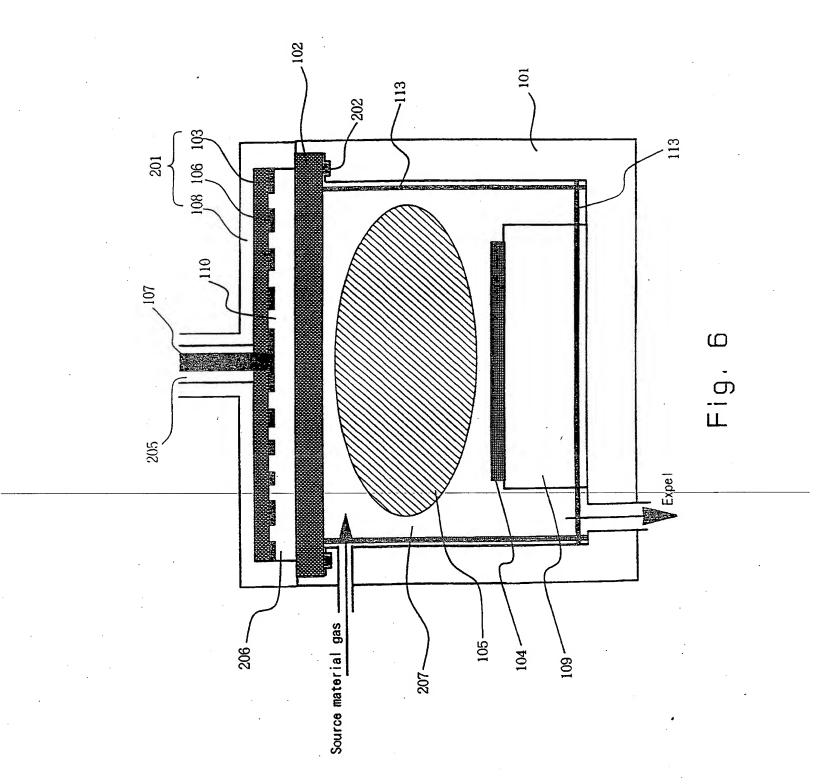
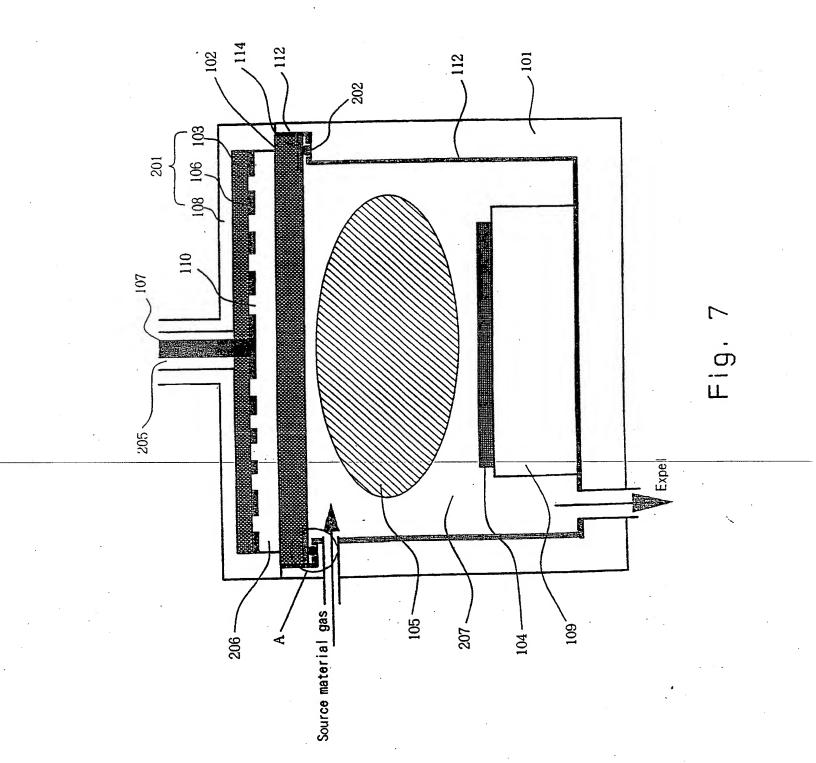
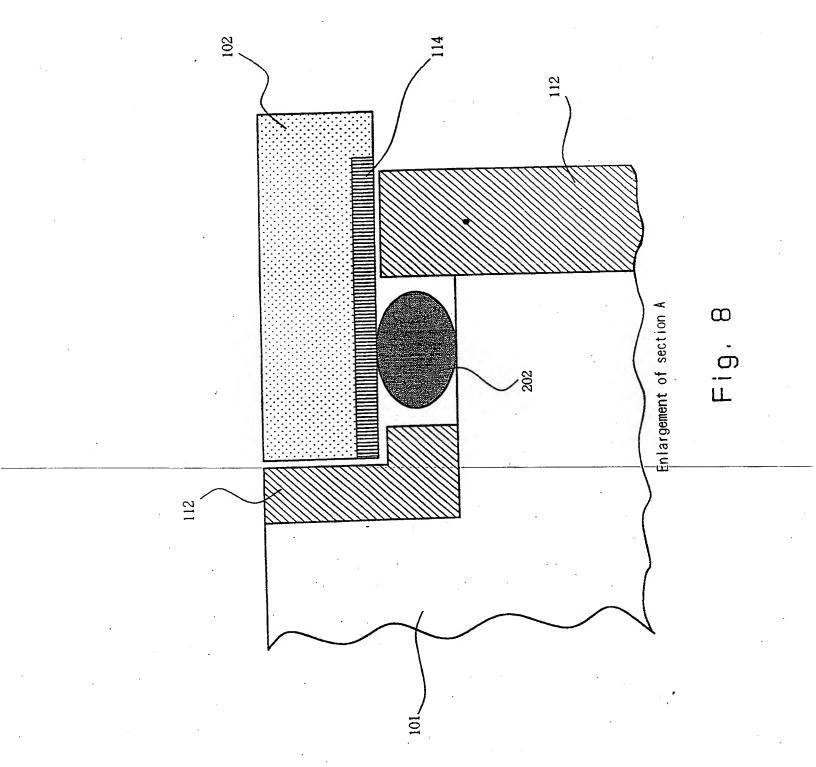


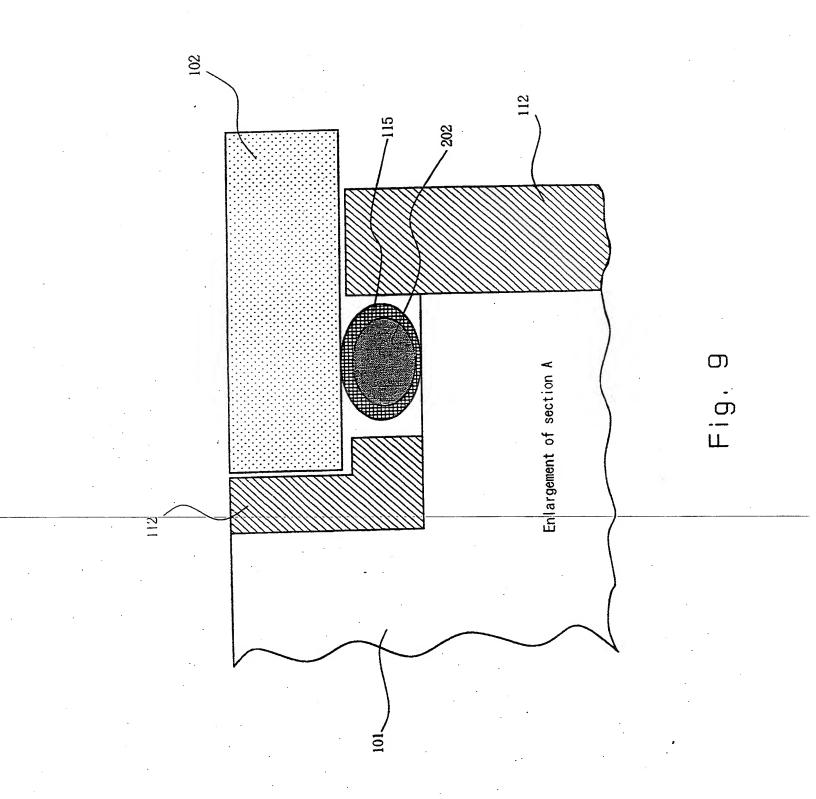
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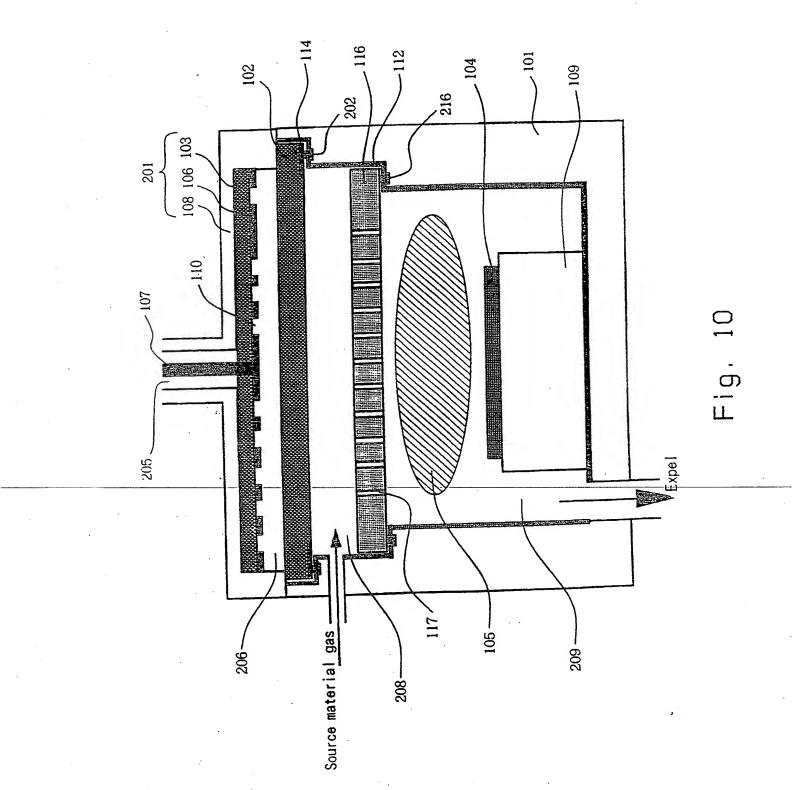




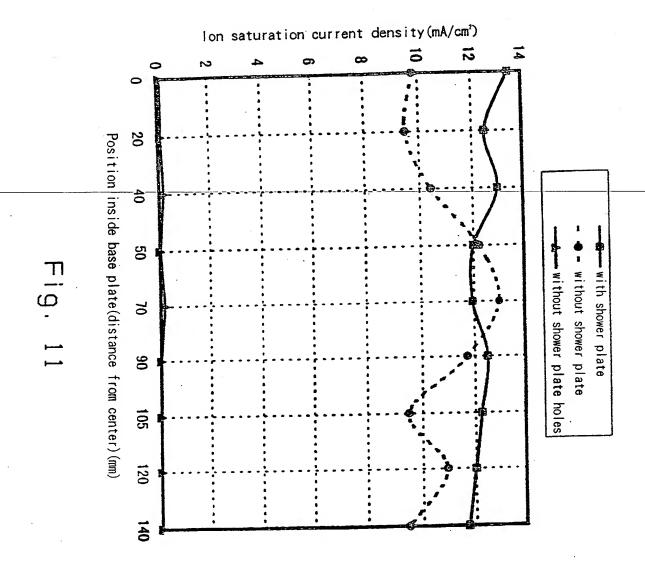


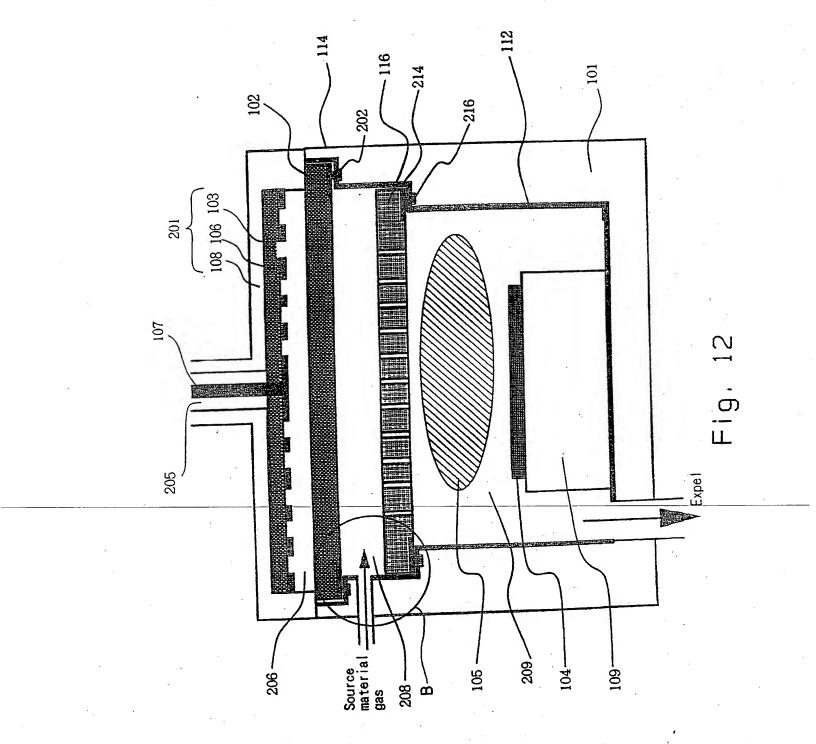


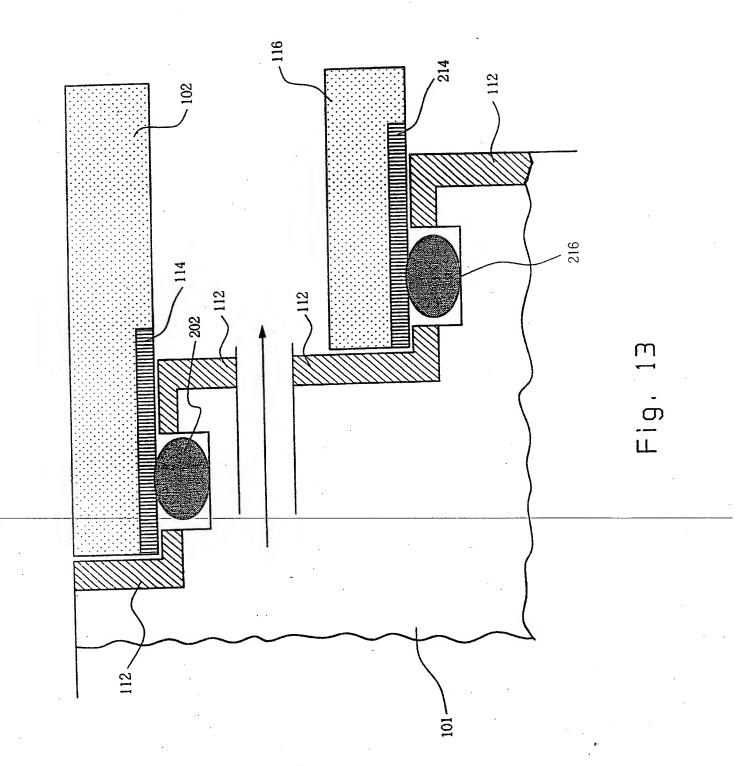




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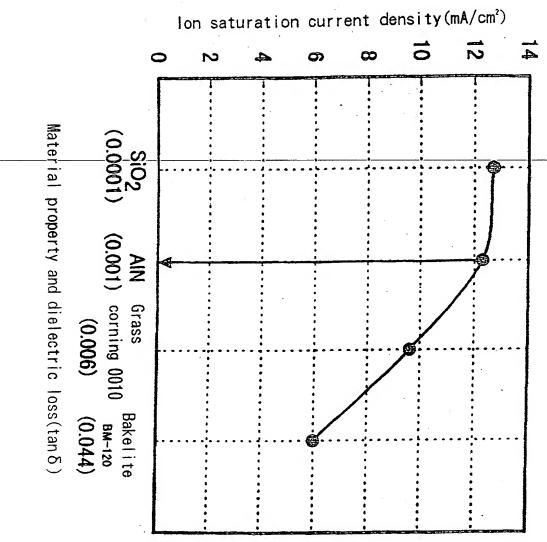
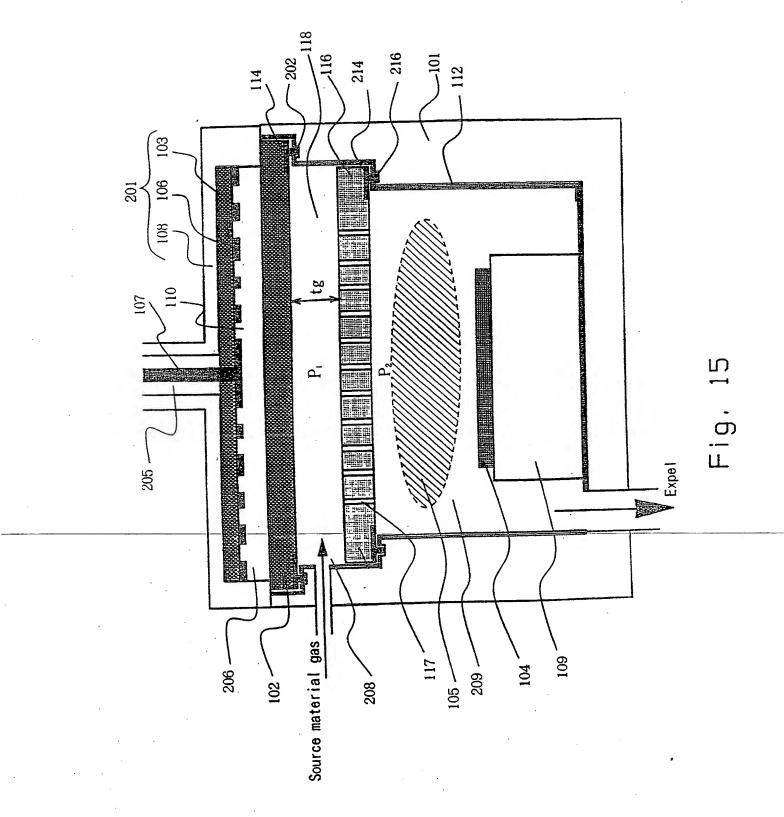


Fig. 14



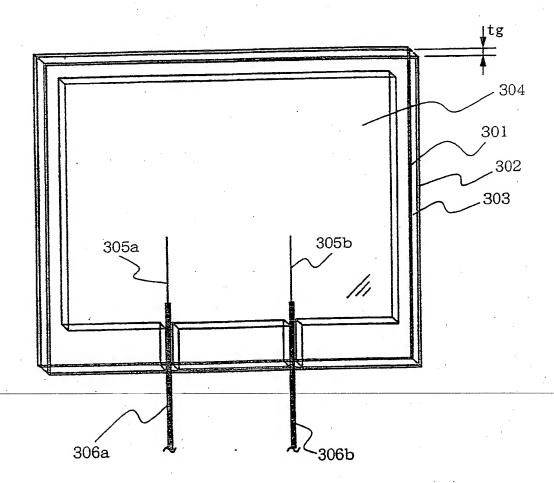


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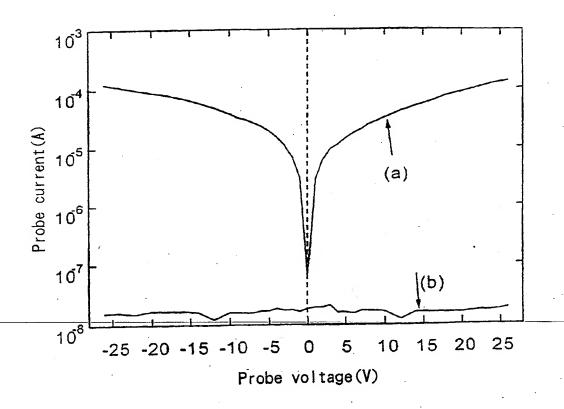
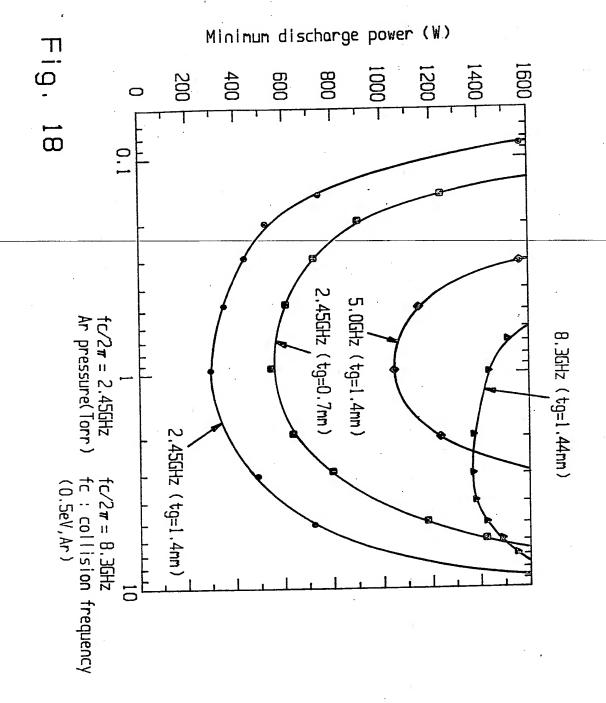
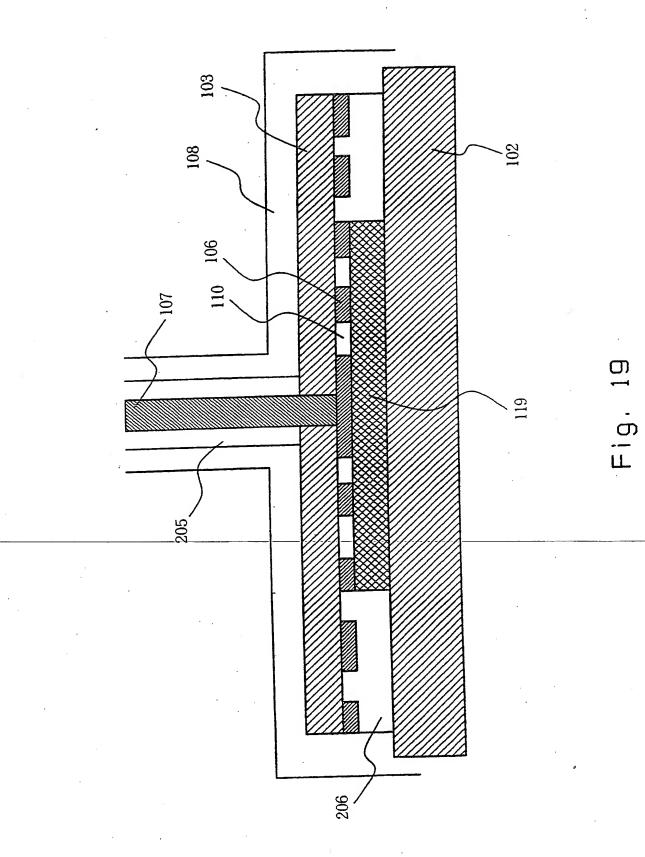
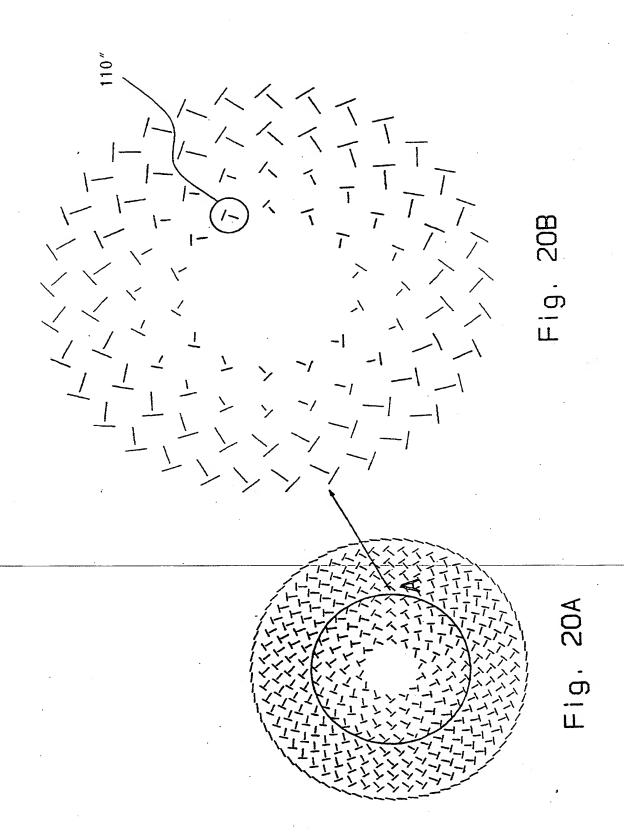
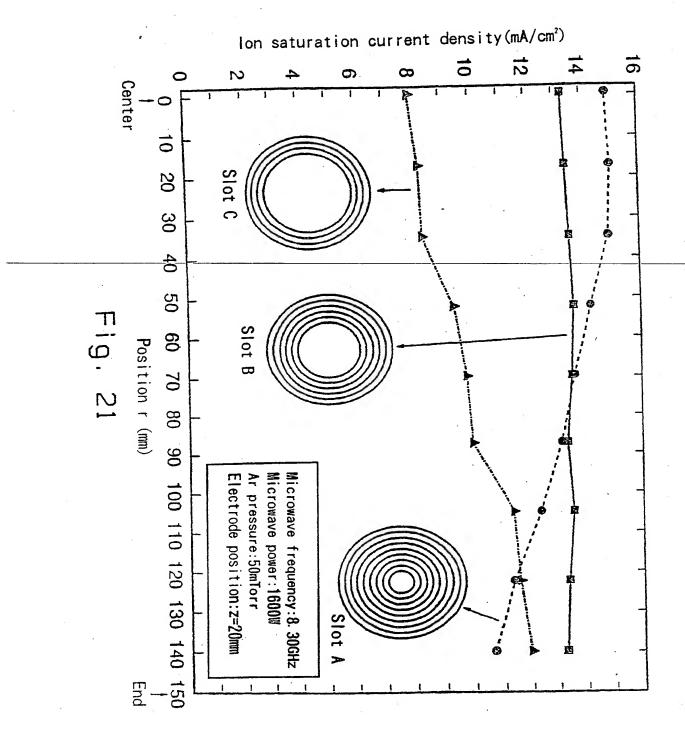


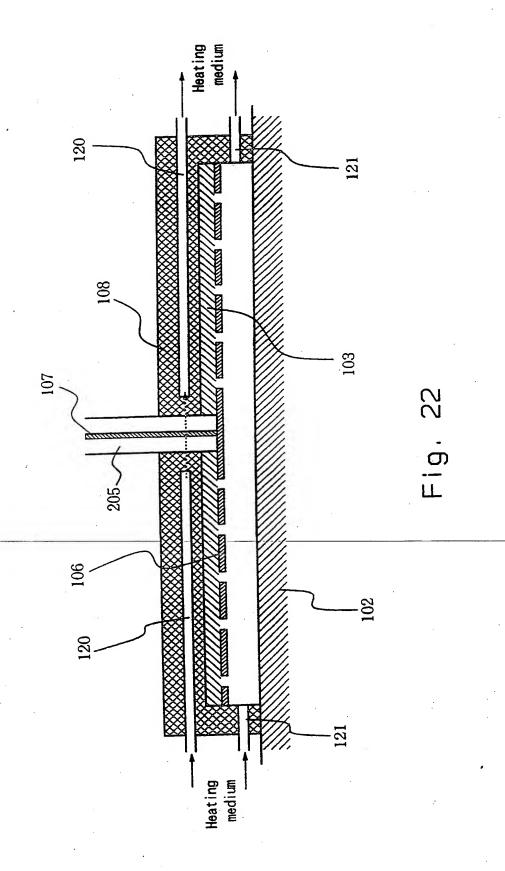
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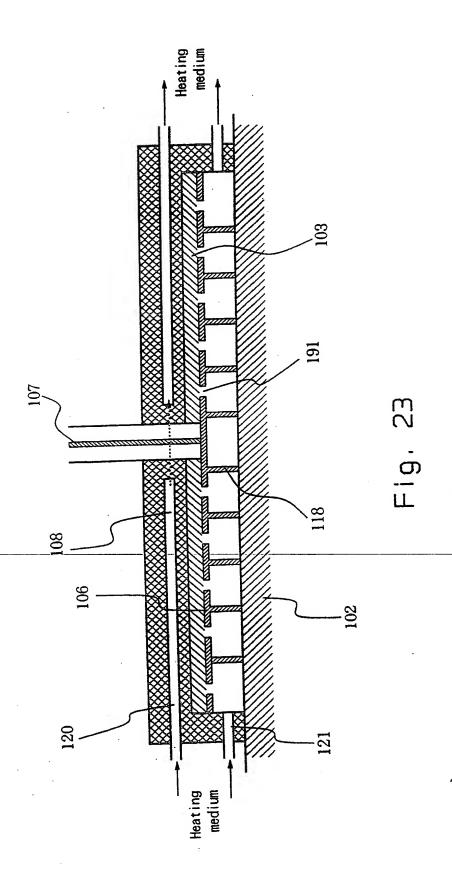


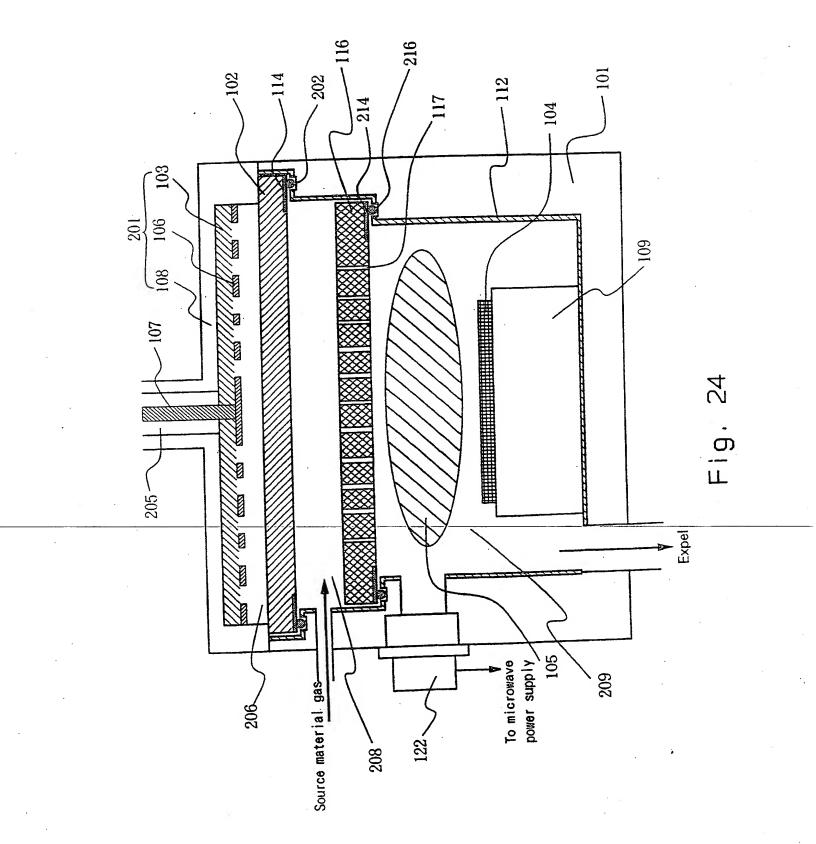












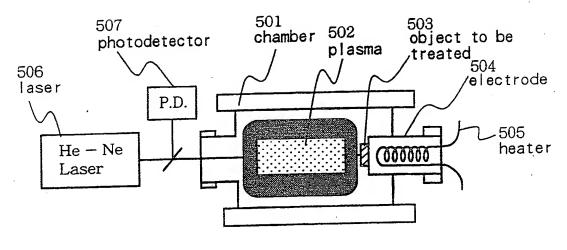


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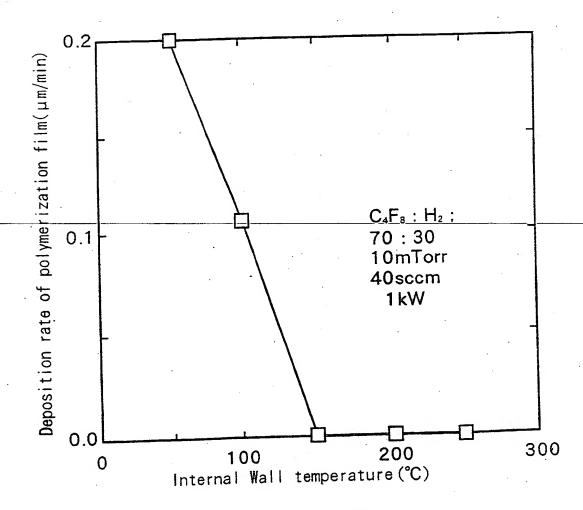
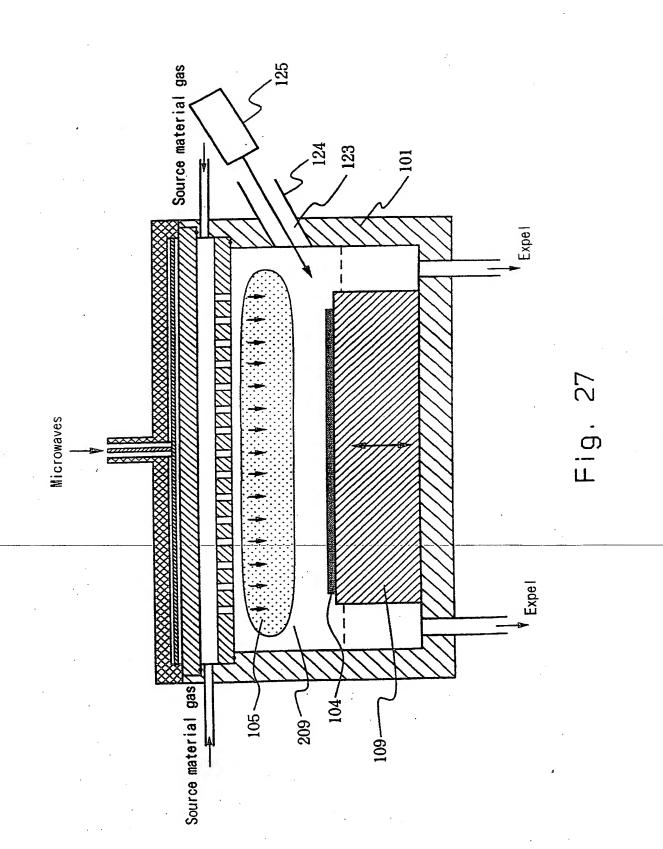
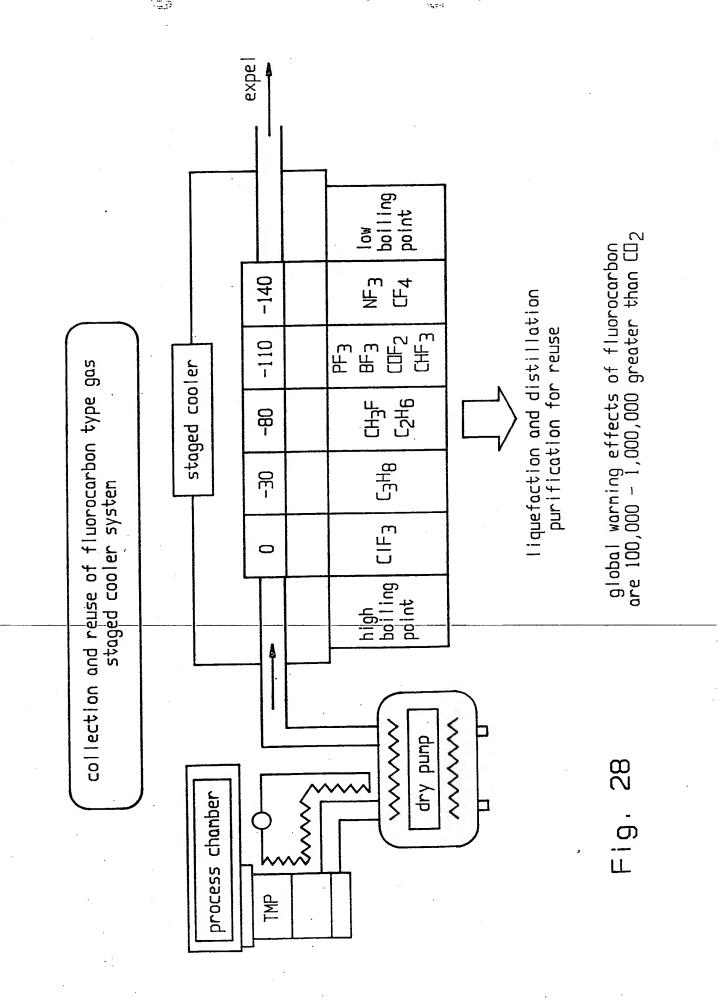
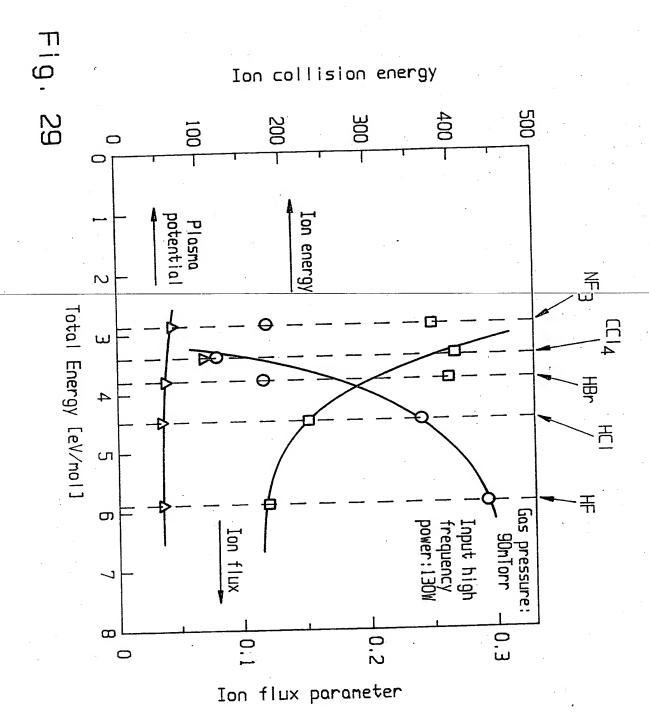
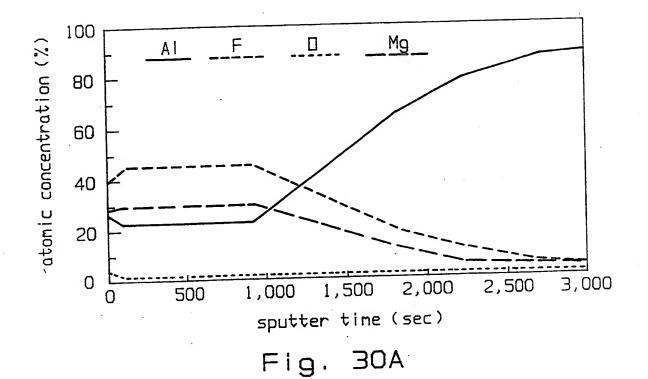


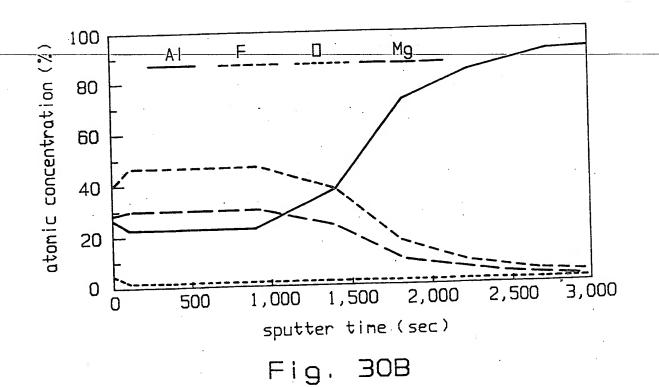
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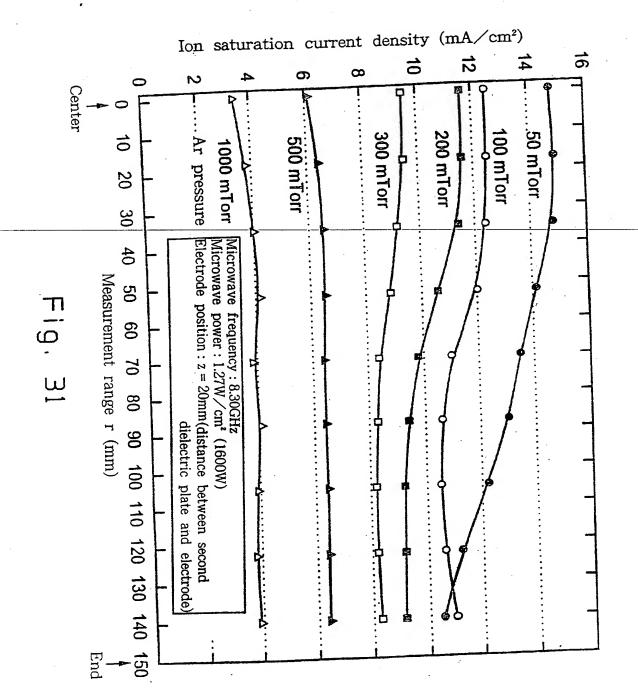


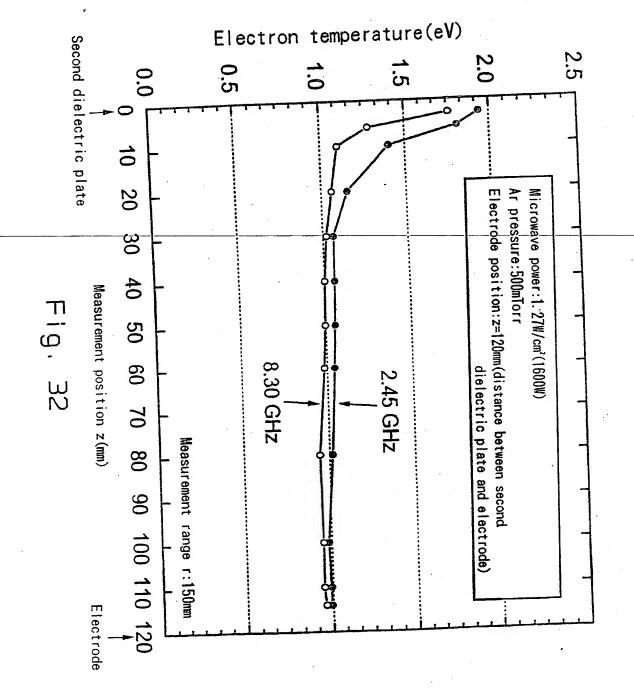


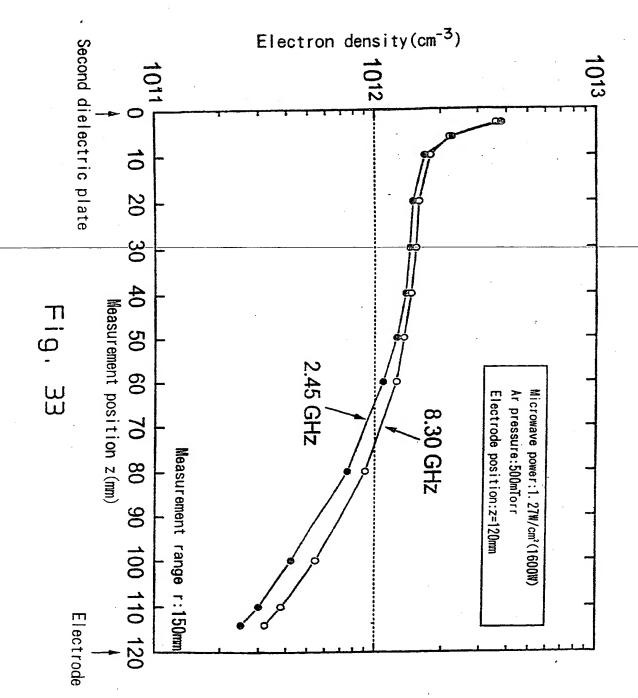












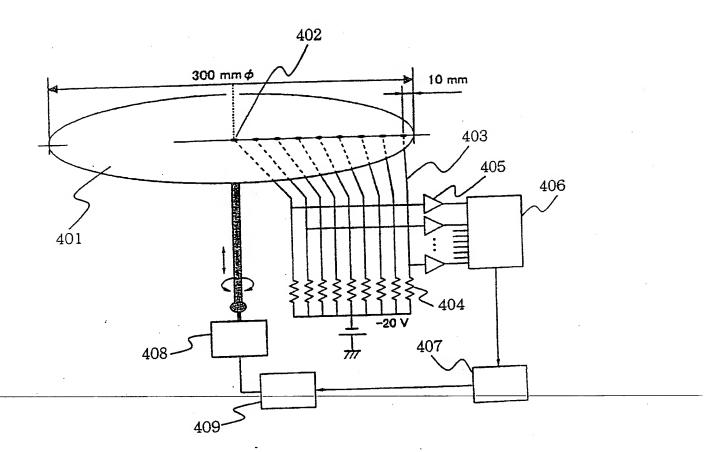


Fig. 34

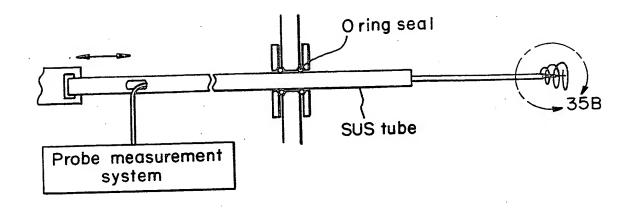


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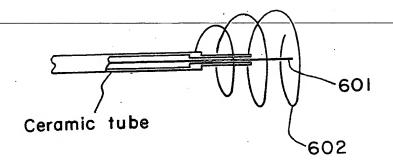
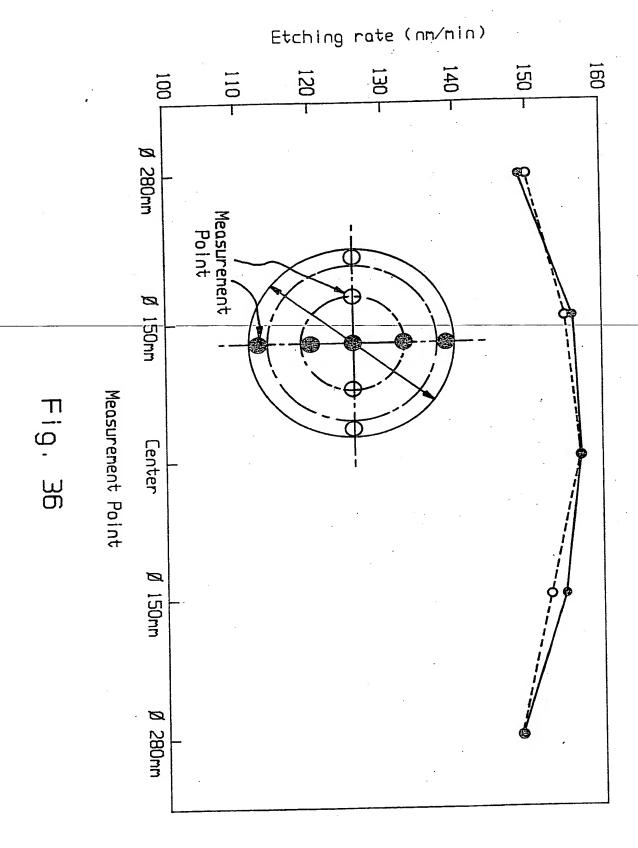


Fig. 35B



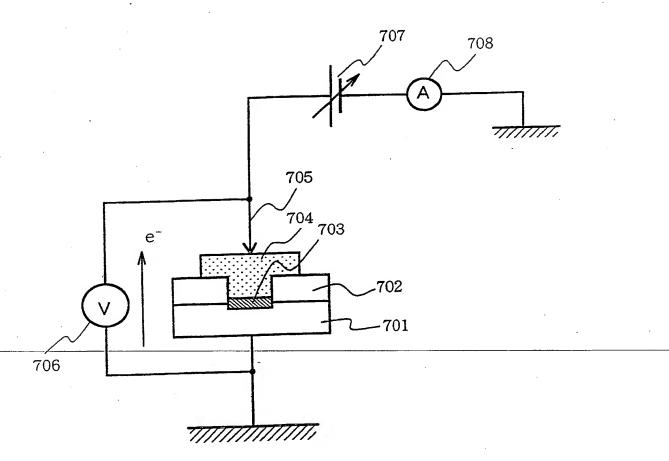
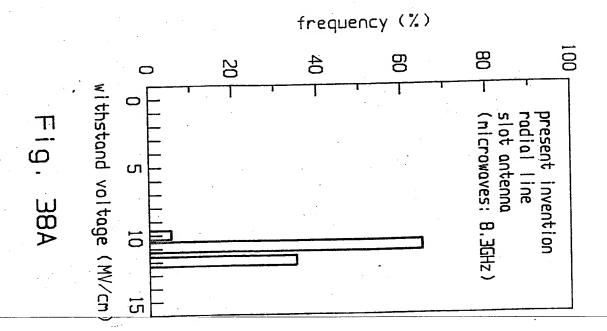
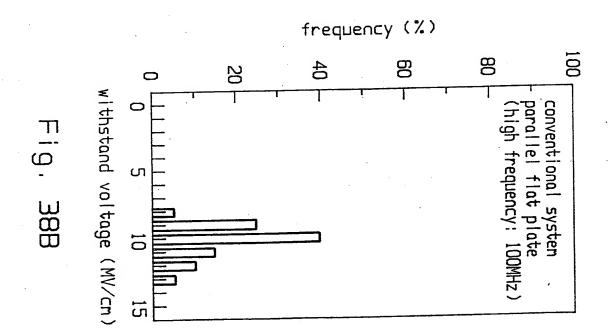
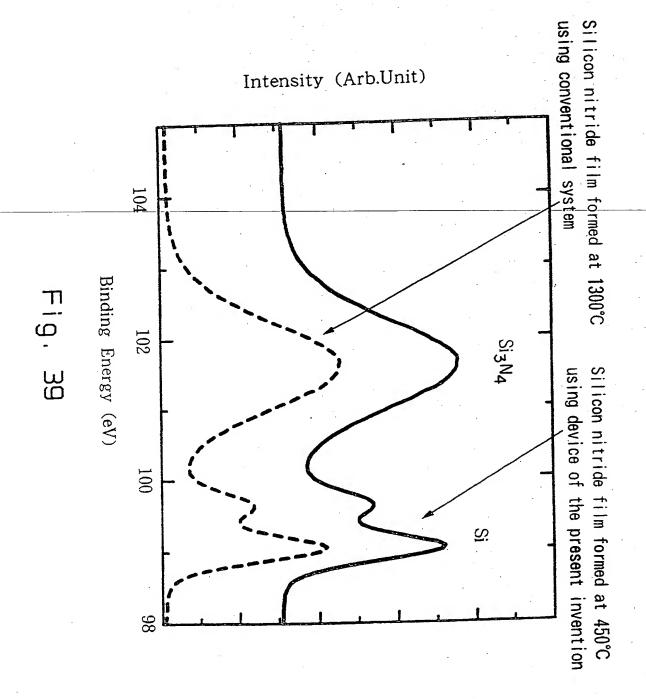
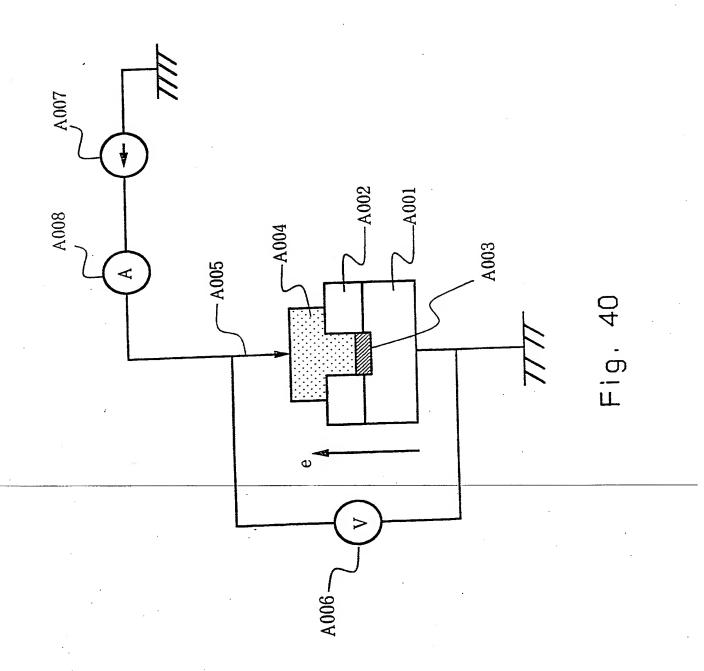


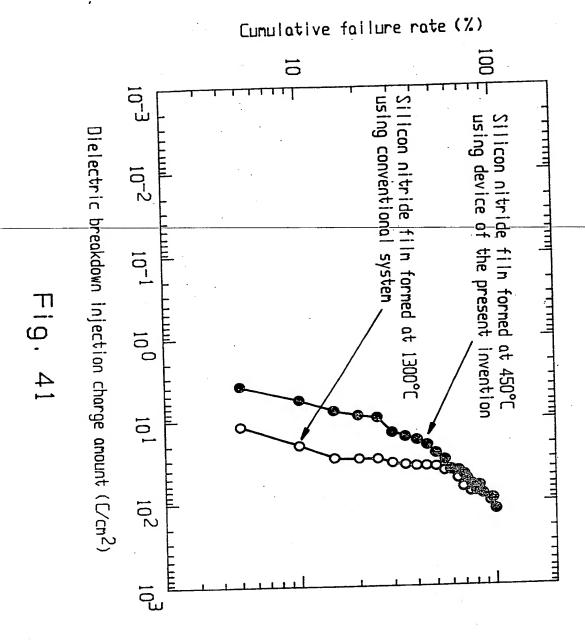
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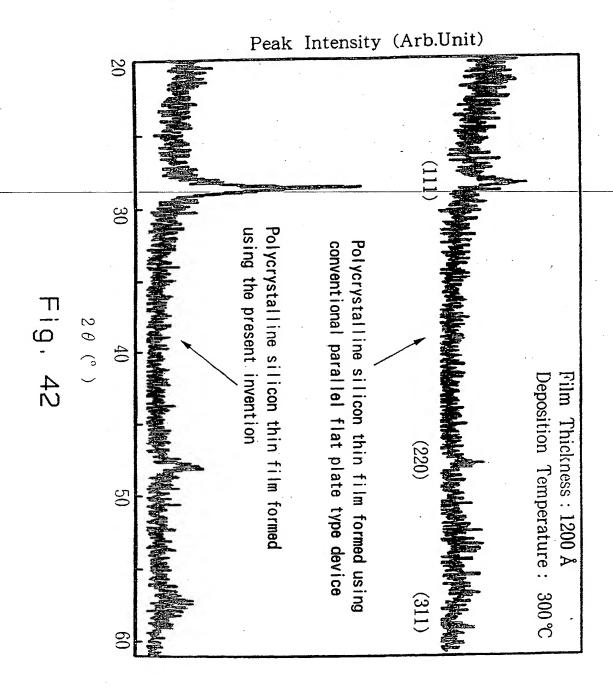


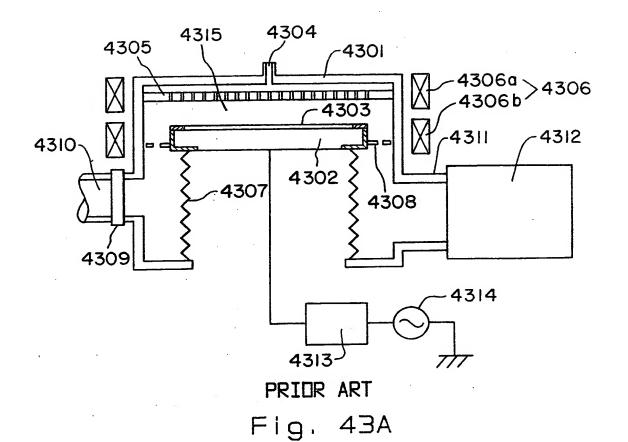


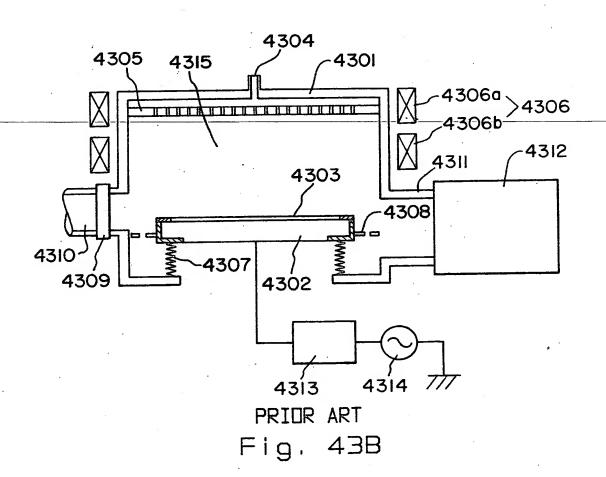












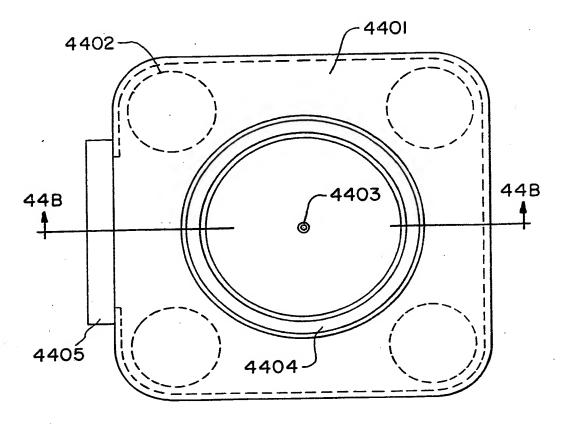


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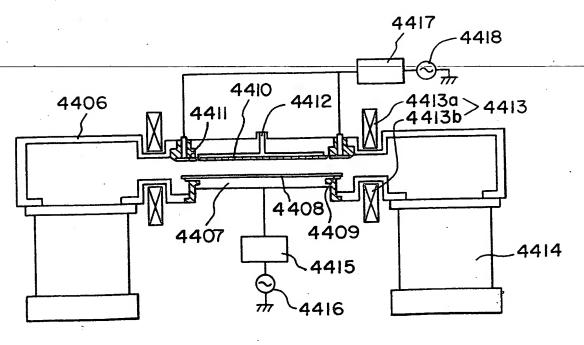
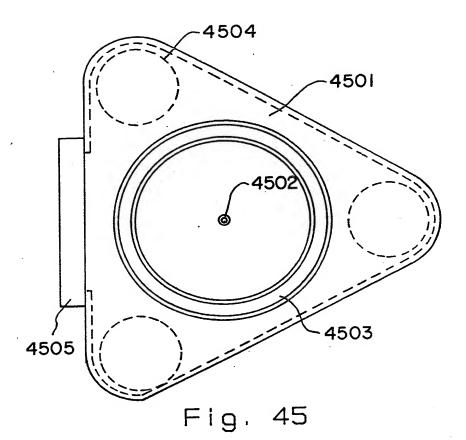
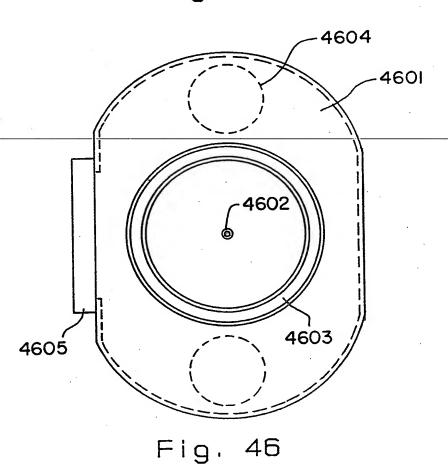


Fig. 44B





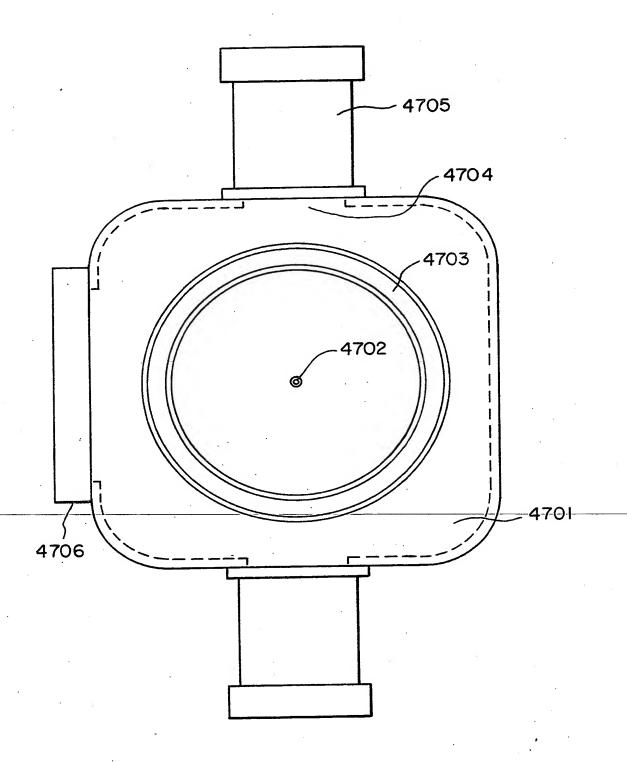


Fig. 47

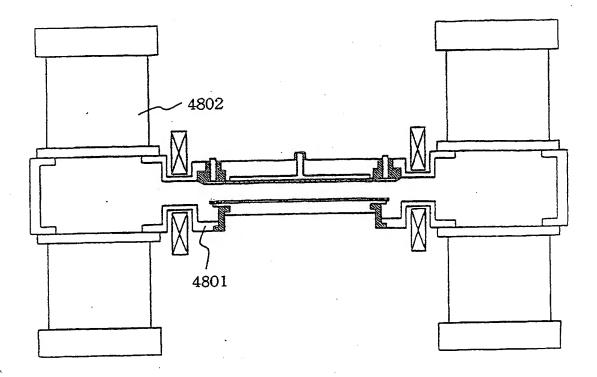


Fig. 48

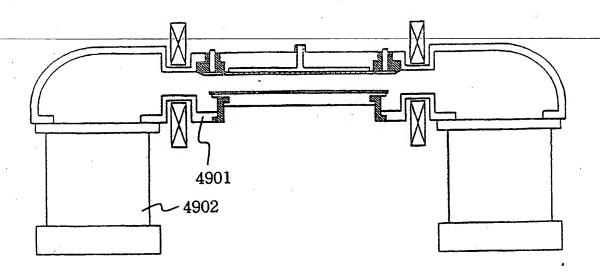
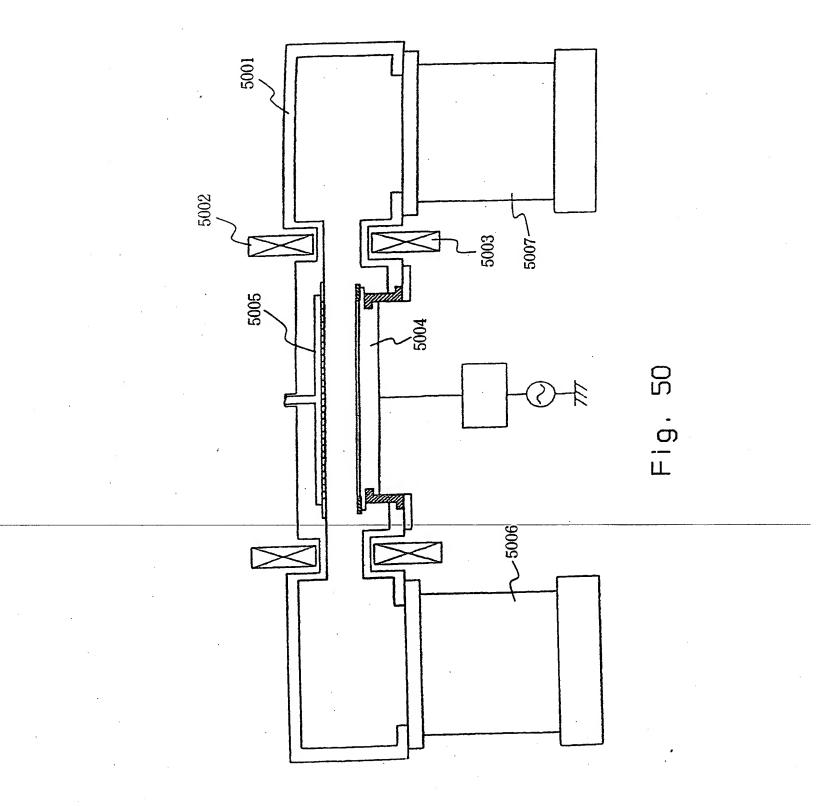


Fig. 49



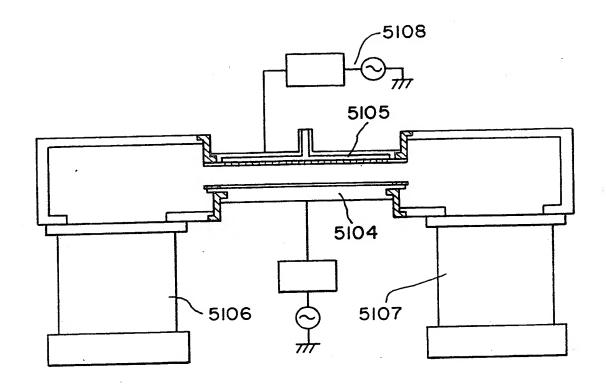


Fig. 51

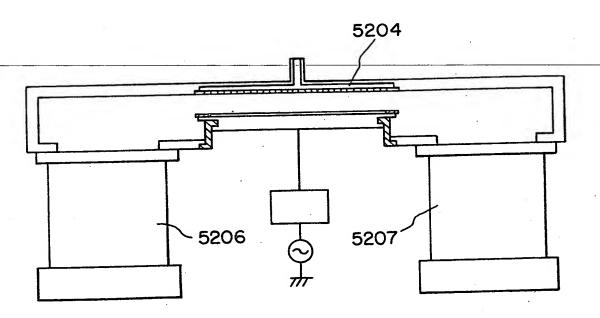
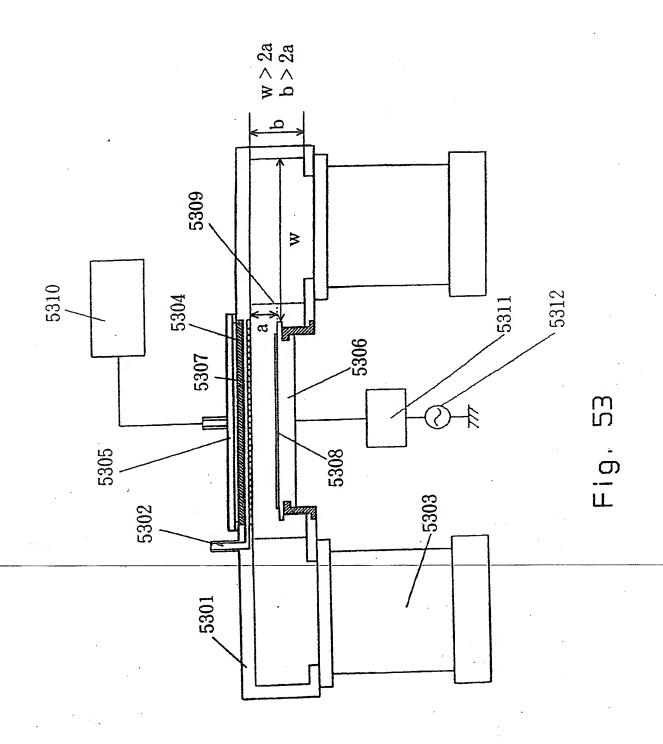
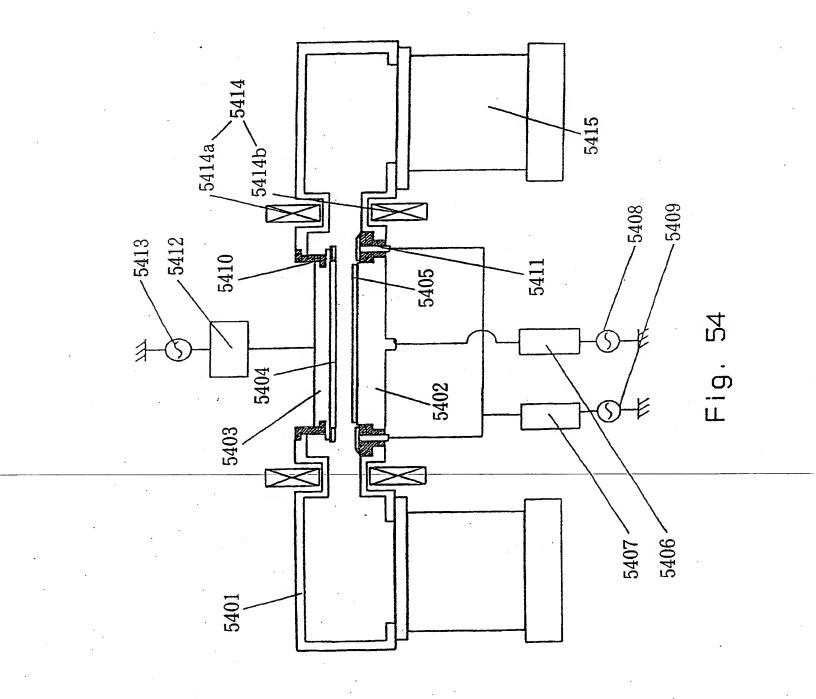
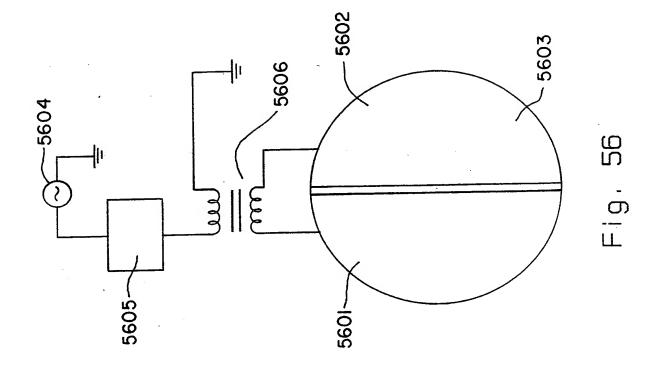


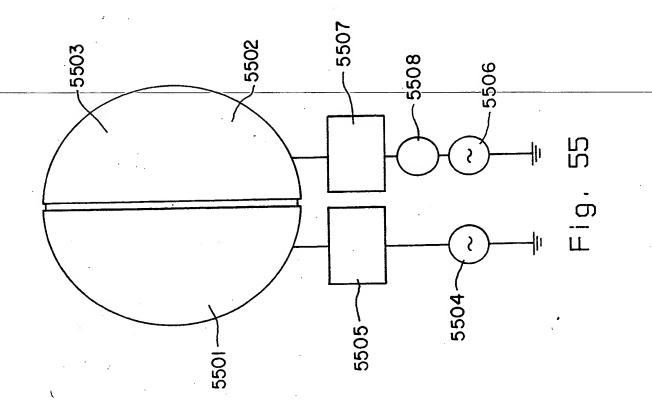
Fig. 52



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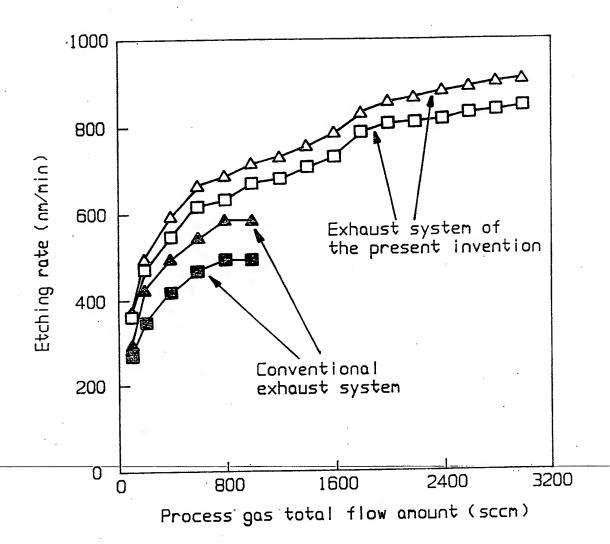


Fig. 57

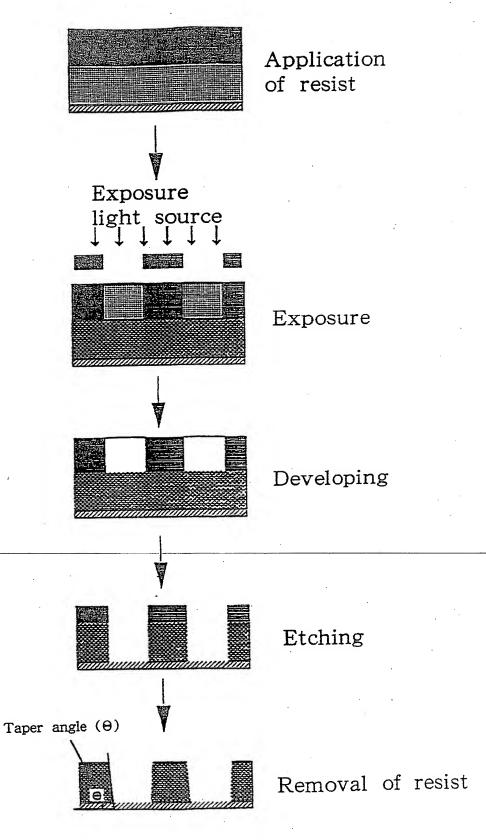
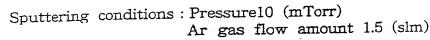
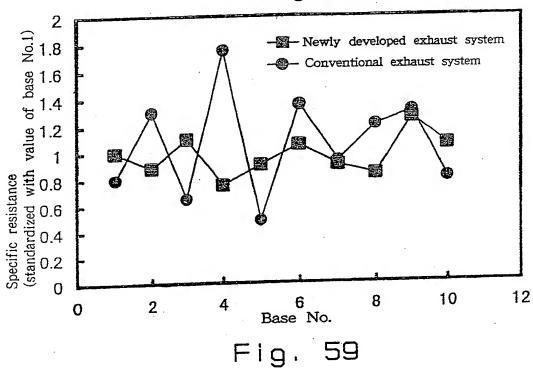


Fig. 58





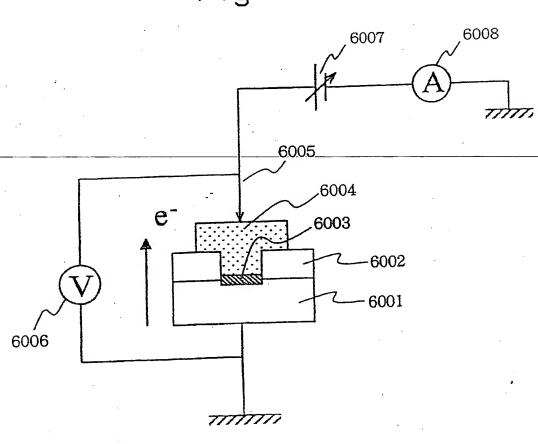
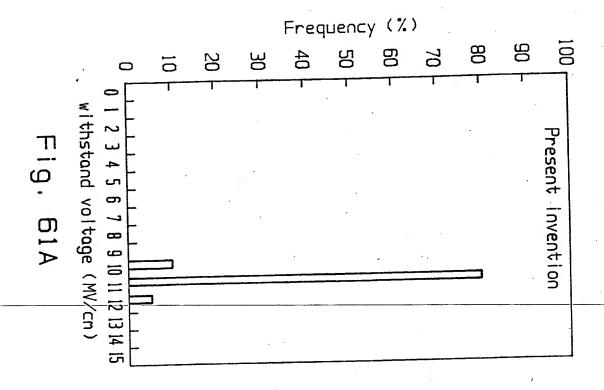
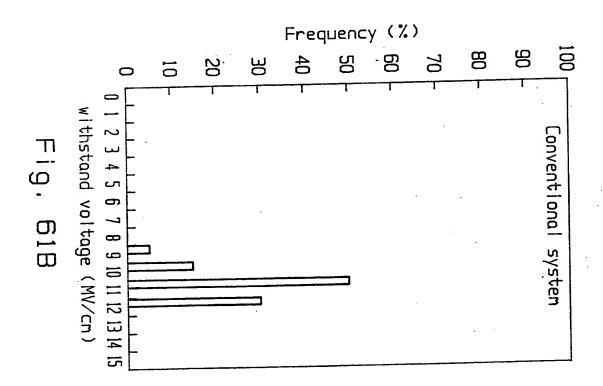


Fig. 60





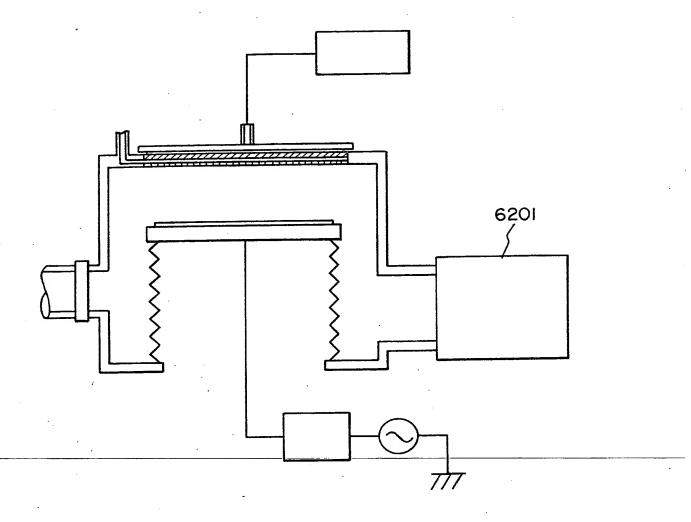
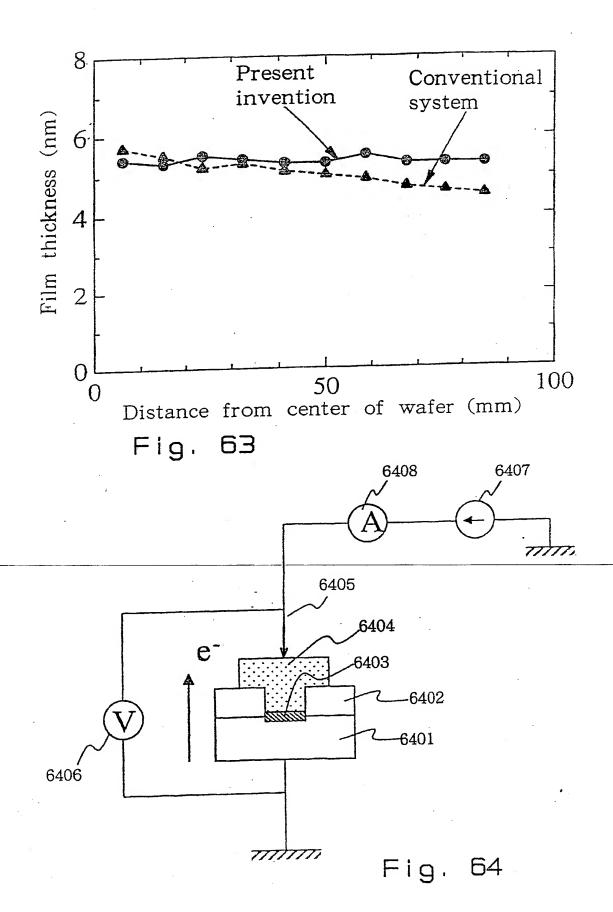
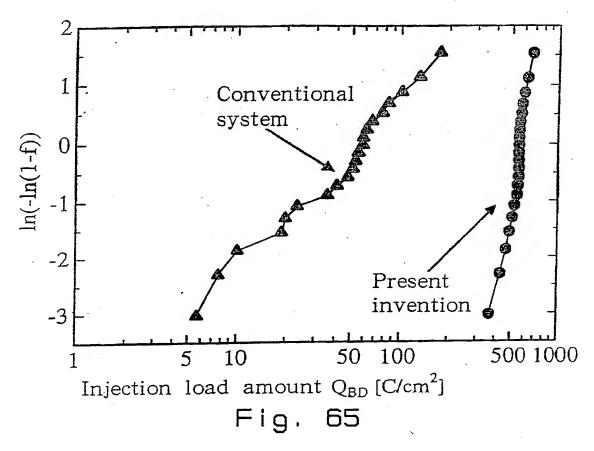
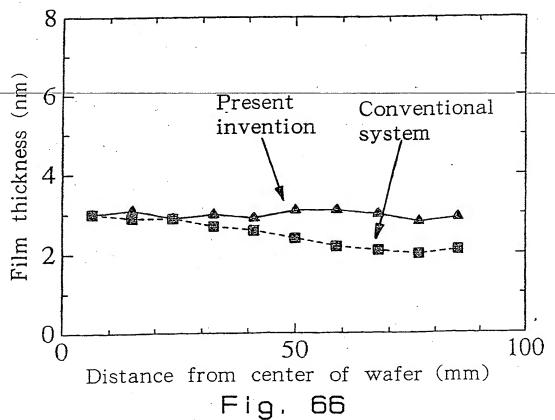
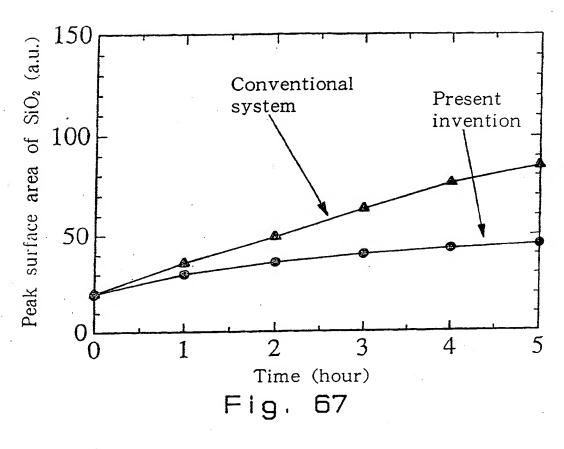


Fig. 62









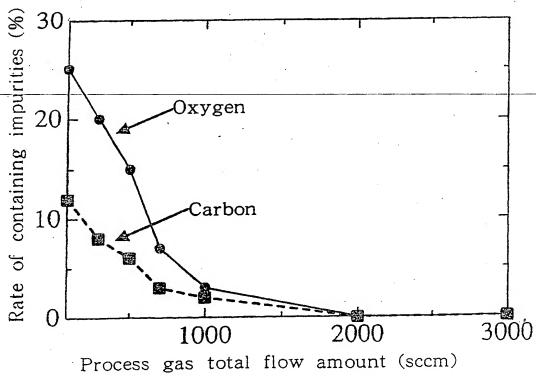
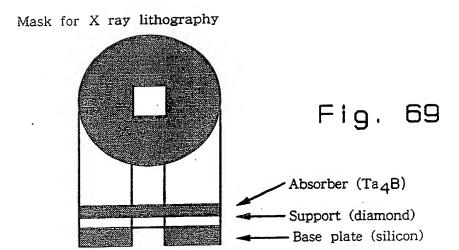
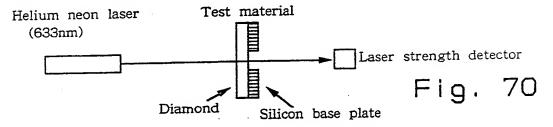
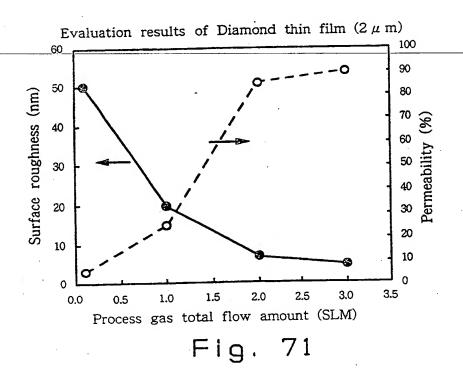


Fig. 68

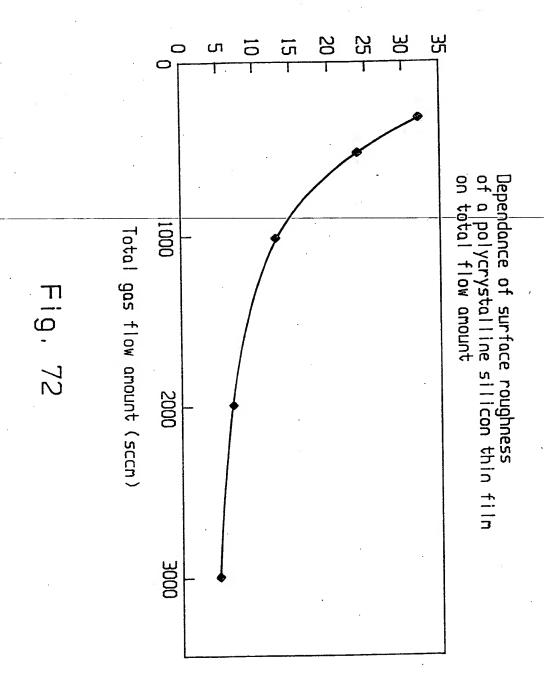


Permeability measurement system

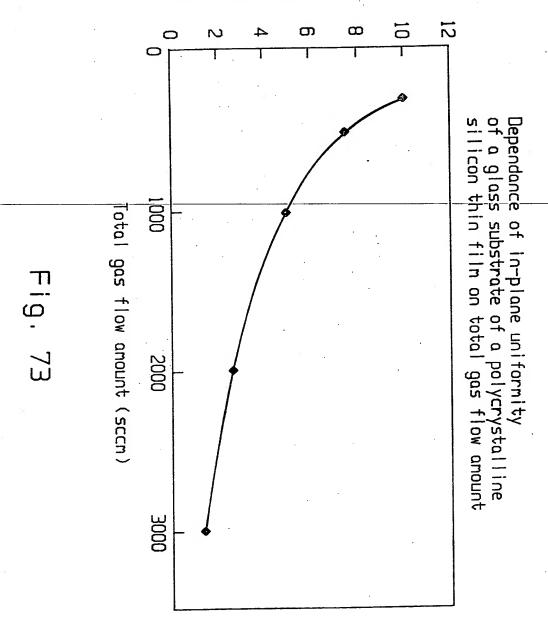


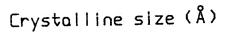


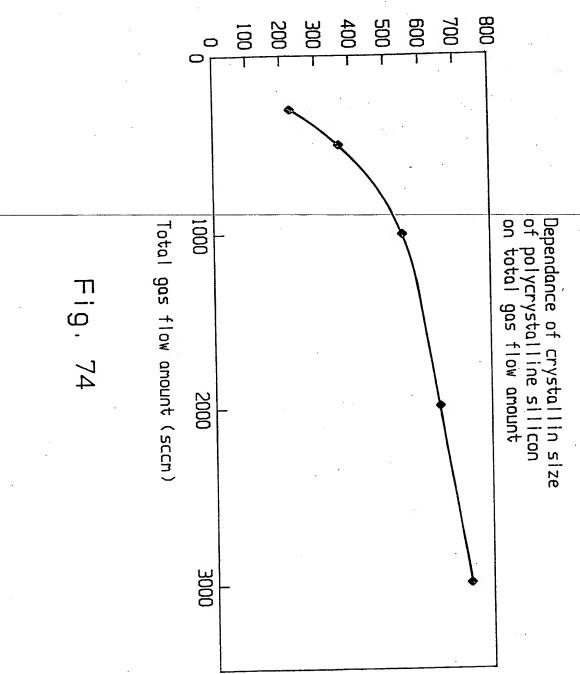
Surface roughness (Å)

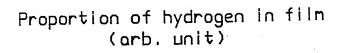


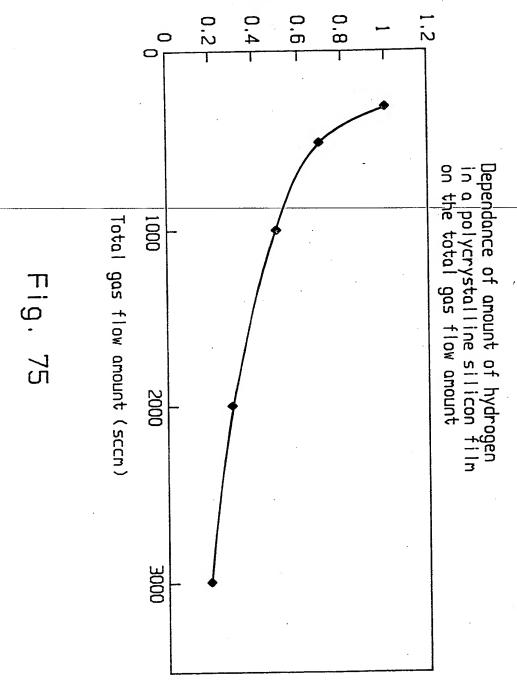
Glass substrate uniformity (%)

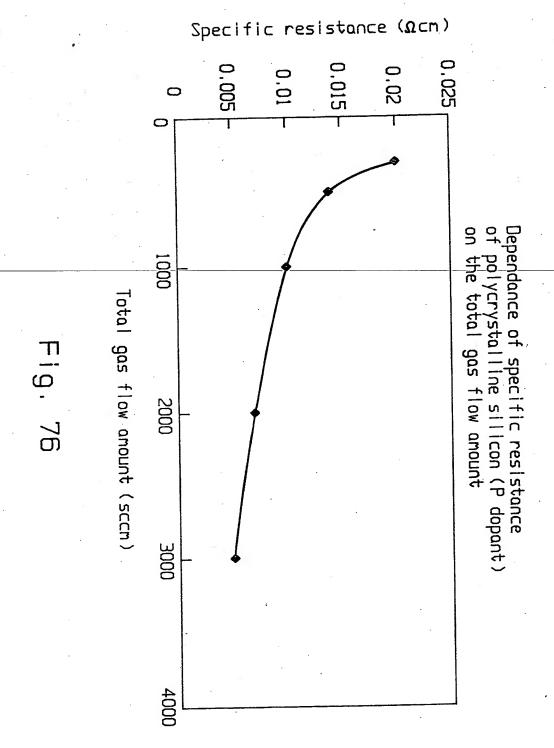




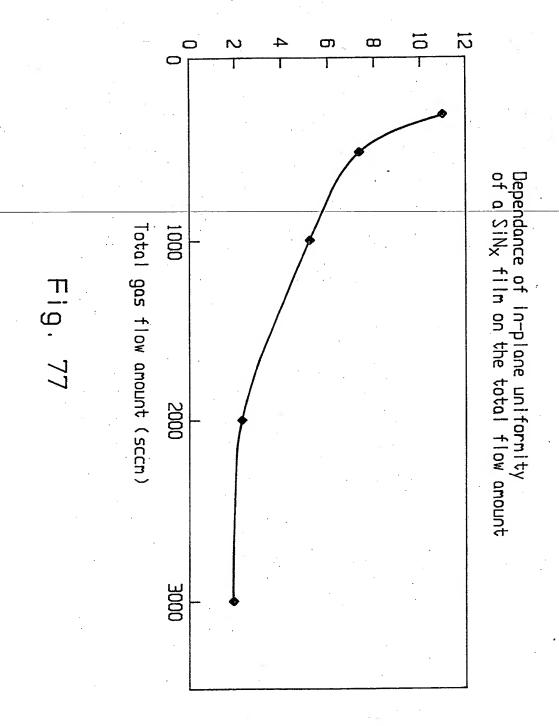




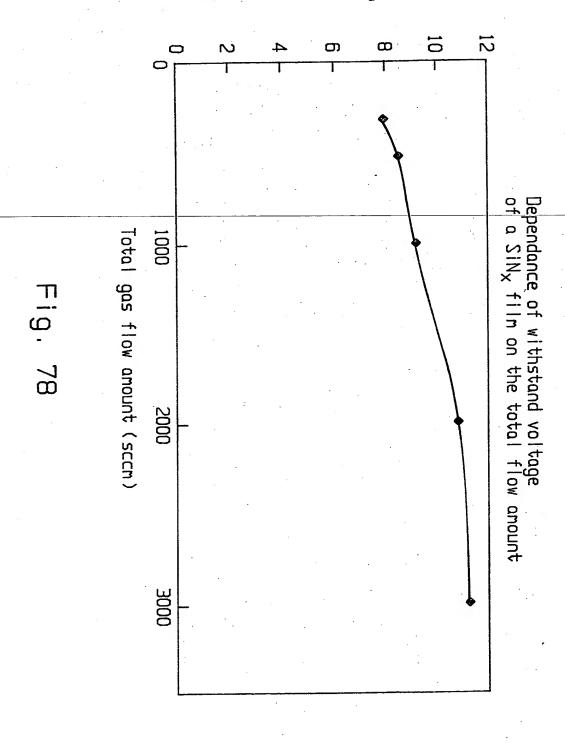


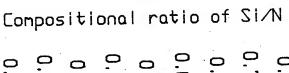


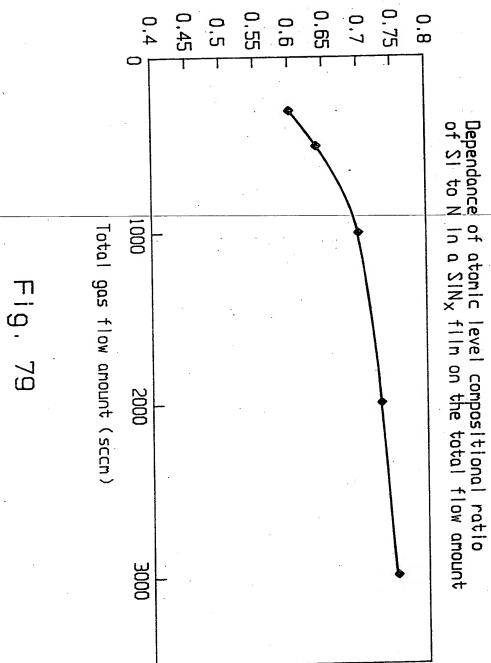
In-plane uniformity (%)



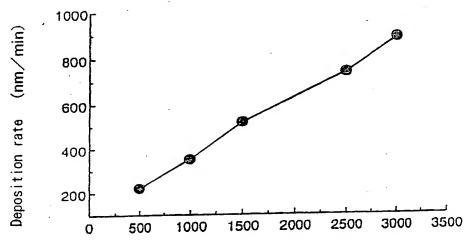
Withstand voltage (MV/cm)







Dependence of the deposition rate of a fluorocarbon film on total gas flow amount



Total gas flow amount (sccm)

Fig. 80

Dependance of in - plane uniformity of the deposition rate of a fluorocarbon film on total gas flow amount on wafer

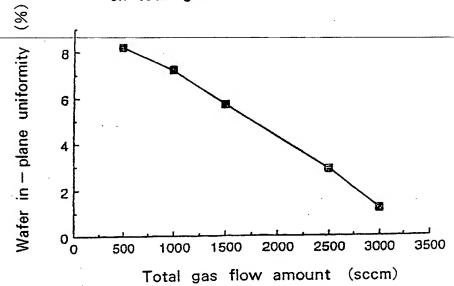
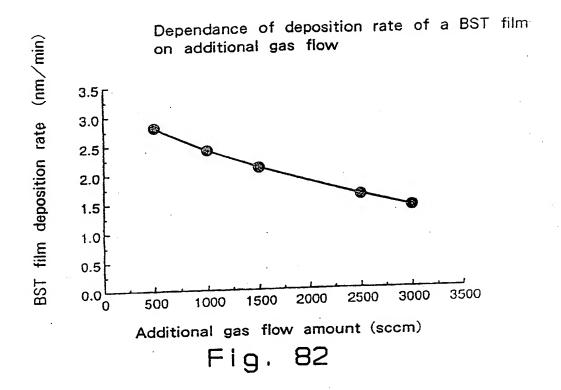


Fig. 81



Dependance of th in - plane uniformity of wafer of a deposition rate of a BST film on additional gas flow

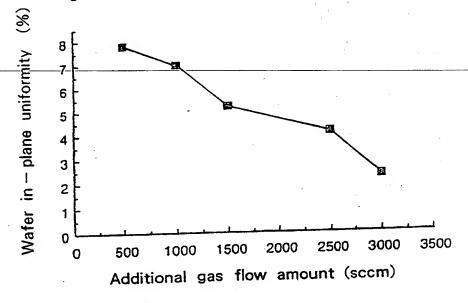
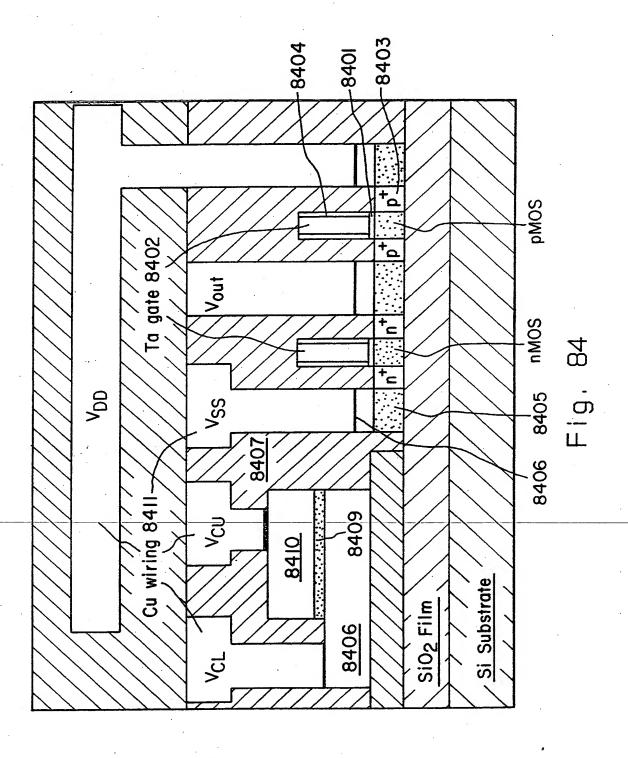
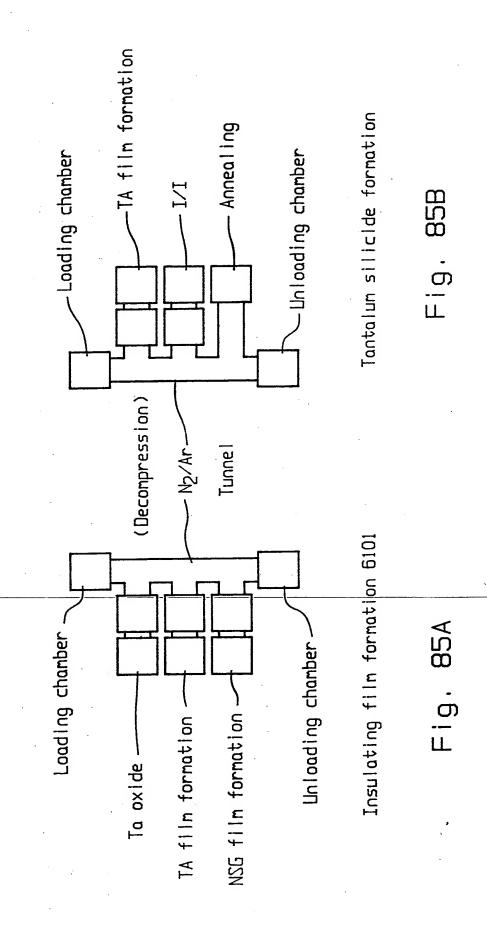
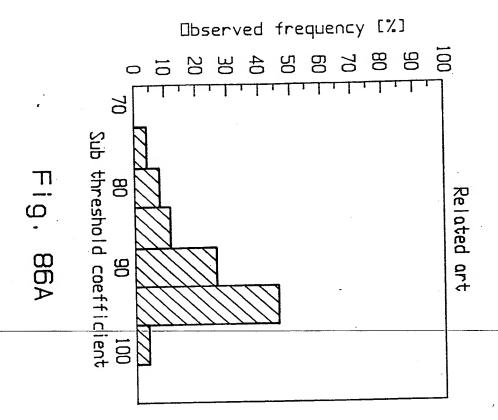
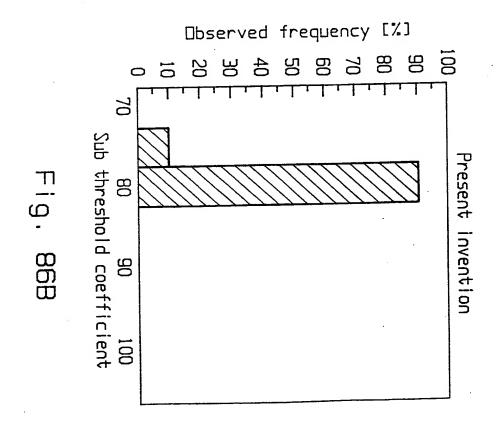


Fig. 83

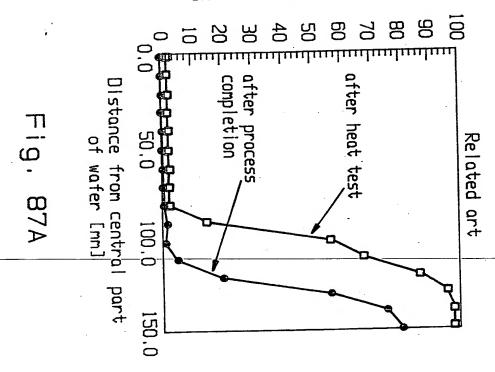




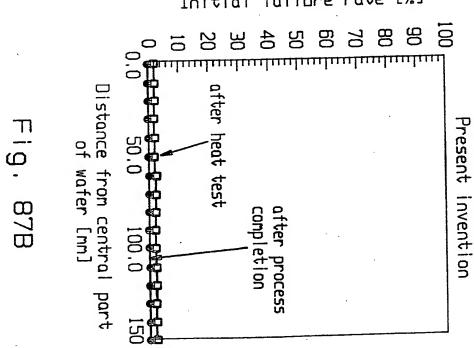


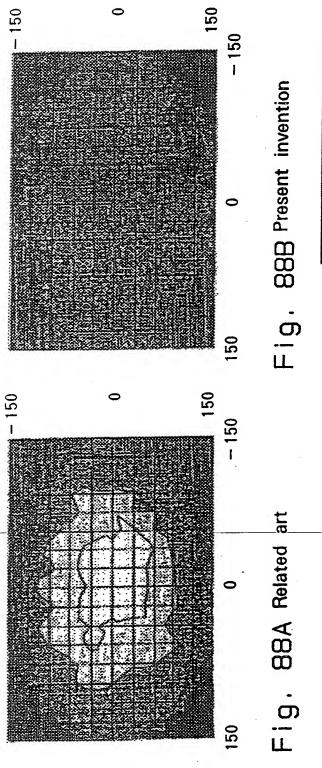


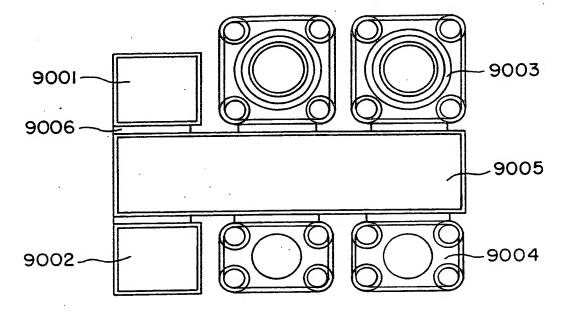
Initial failure rate [%]



Initial failure rate [%]

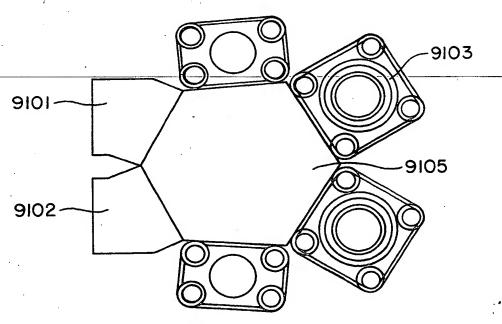






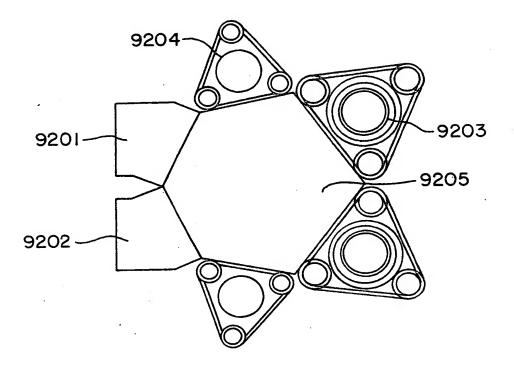
Cluster tool comprising assembly of rectangular process chamber (1)

Fig. 90



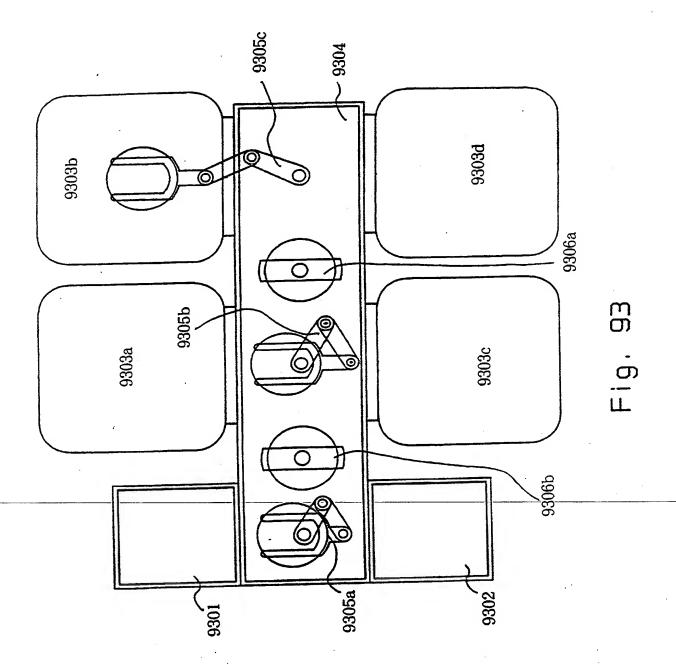
Cluster tool comprising assembly of rectangular process chamber (2)

Fig. 91



Cluster tool comprising assembly of triangular process chamber

Fig. 92



:2:2

